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SEEDS • PLANTS • BULBS

A YEAR-ROUND CATALOG



**OFFER 53A
1950**

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U. S. Department of Agriculture

*JAPANESE IRIS
ILLUSTRATED*

REX. D. PEARCE

SEEDSMAN

MOORESTOWN, NEW JERSEY

PLEASE READ BEFORE ORDERING (Being Conditions of Sale)

SEEDS, plants and other materials are forwarded as ready, and are offered subject to arrival or harvest. Minimum size acceptable order is One Dollar for seeds, or Two Dollars for plants and bulbs. Add 25 cents as a handling charge if you must order less than these amounts, otherwise we take an actual loss. Remittances should be by money order or postal note when possible. Please do not use a personal check in paying for any order if less than Two Dollars value. If you send actual cash, any loss is yours, so better register the letter. Seeds and books are quoted postpaid, but bulbs and plants are offered express shipment, collect for shipping charges. If you want plants or bulbs by mail, add to your remittance for postage and mail packing on basis of 10% for shipments to points east of the Mississippi, and of 15% for points west of the river.

I try to send out only good seeds, bulbs and plants, but since I have no control over the purchaser's degree of knowledge and skill, nor over climate or the weather of the particular season, I cannot be responsible for any results dependent on such factors.

GUARANTEE—Seeds, bulbs or plants that we supply must reach customer in good, growable condition. We always pack carefully, and most shipments do go through in excellent shape. If, for any reason, yours does not, report to us promptly and we will either replace without charge, or make other satisfactory adjustment. This applies, on bulbs and plants, only to forwardings made during regular shipping seasons, as given in next paragraph.

PLANT SHIPPING SEASONS—We send out bulbs and plants during three spring months (April, May and June), and again during three autumn months (September, October and November). Safe arrival guarantee covers shipments made during these two periods. If you want plants or bulbs shipped during other parts of the year, the risk of damage from heat or cold, must be yours, not ours. We do find, though, that winter shipments of plants by railway express usually get through safely, and we always try to pack carefully.

REX. D. PEARCE

Moorestown

New Jersey

PLANT ORDERS are filled in rotation when shipping season opens, each in its turn according to date of receipt. You see plant orders come in year around, while we can ship only part of the year. We are as anxious to send your plants as you are to receive them, but we can't fill all orders at once. For early shipment, then, send an early order. Our hardy plants are outside-grown, and in some years it is close to the middle of April before we can start digging and packing them, but there is a lot of planting time after that. In most parts of the north, plants can be safely moved until at least middle of June. Actually in our own work at the Nursery we do a good bit of planting in late June.

PLANT FINDER

To help you in picking out plants suited to particular uses or purposes, we put key numerals before the names, meanings as given here.

- 1—Plants winter-hardy outside at Philadelphia, stems not woody. The hardy herbaceous perennials. Does not include bulbs.
- 2—Frost-tender plants for pot culture in window or greenhouse, or for temporary outdoor planting in summer. Mostly herbaceous, but includes a few low, woody kinds.
- 3—Bulbs and bulb-like plants. Degree of hardiness, with uses and needs usually given in description.
- 4—Shrubs, trees or woody vines. Use and relative hardiness given in description.
- 5—Annual plants. Here are the quick annual flowers that come into bloom within a few weeks of sowing, and live only one season.

Philadelphia is taken as the determining point of hardiness. Plants tender at Philadelphia, may, of course, be of full hardiness in milder climates, and the reverse is also true. Judge then, by the relation of your climate to that of southeastern Pennsylvania.



2 THE SCARLET ORCHID

Here is a beautiful true Orchid, *Epidendrum O'Brienianum*, that handles well as a pot plant under window conditions. Brilliant scarlet blossoms in big spray-clusters, lip touched with orange yellow. *Illustrated opposite*. Pinch plants back occasionally to keep them bushy. Per pkt. 40c. Can also supply plants, good single-stem that should bloom within a few months at each \$1.15; 3 for \$3.25.

2 WELDANIA CANDIDA

A rare beauty of Mexican mountains. From rosettes of glossy, succulent foliage come for months on end a succession of snowy white 3-petal flowers. Grow as a pot plant North. 4 seeds for 25c; 30 for \$1.00.

1 THE HARDY WATER LILIES

Fully winter-hardy sorts that may be left right outside in the pool year after year. *Illustrated opposite*. Good strong plants. **ATTRACTION**—Great blossoms of rich mahogany red. Each \$3.00. **PINK OPAL**—Lovely deep pink. Fragrant. Does well in small pool or tub. Each \$1.50. **PAUL HARIOT**—Opens apricot yellow, becoming orange pink. Will thrive in tub or small pool. Each \$2.75. **GLADSTONE**—A pure white lily of great size. Each \$2.50. **PINK CHARM**—A delightful, fragrant, appleblossom pink. Each \$1.25. **GOLDEN CUP**—Chrome to golden yellow. A profuse bloomer. Each \$2.50. Water Lilies shipped by express only.



KEY-LETTER EXPLANATION

- b—Suitable for the hardy border.
- c—The flowers cut well.
- d—Will grow in rather dry soils.
- e—Of easy culture for the beginner, if key letter and other directions are followed.
- g—Ground cover or carpeting plant.
- i—Useful for low edgings.
- j—Soak seed before sowing.
- k—Sow in early spring while soil is cool.
- kt—As in 'k', but may also be sown in latest fall.
- p—For pavements, step-crevices or walls.
- r—Of value in rock garden.
- s—Prefers shade.
- st—Tolerant of either light shade or sun.
- w—Sow in heat, in sunny window, frame or conservatory.
- x—Sow in spring or summer, up to September. If sown in heat of summer, be sure seedbed is shaded.
- y—Sow in late autumn or even in early winter, in open ground beds or unheated frames, germination to take place in spring. These are seeds that need cold to start them, not heat. May usually be sown in early spring also, providing they have been stratified, or have received refrigerator treatment. Cultural folder sent with seeds, gives directions for this.
- yt—Seeds so marked should be sown in late autumn or earliest spring in outdoor seedbed. If sown too late in spring, they may lie dormant until following year.
- z—Requires winter protection.

NUMERALS IN PARENTHESSES indicate season and duration of bloom, as follows: (1) early spring, (2) late spring and early summer, (3) summer, (4) late summer and early autumn, (5) all autumn, (6) late autumn, (7) winter, (8) tends to be ever-blooming, (9) grown for fruit, form or foliage, rather than flowers. **NUMERAL FOLLOWING PARENTHESSES** indicates normal mature height in inches (or in feet if so specified) under good culture.

OTHER KEY-LETTERS—For explanation of any key-letters or symbols not listed above, see page one of our 1948 or 1949 catalogs. These are keys of lesser importance.

LILIUM NEW SHELBURNE PINK

Here is a fully hardy and rather easy pink-flowered Lily that I like very much. It is the result of long selection and clon propagation from the Shelburne Hybrid strain (a Regale-Sargentiae cross), by my friend Mr. Abbey of the Gardenside Nurseries in Vermont. I saw several clons of this pink strain growing at Gardenside. The plants were tall and vigorous, the flowers large and of heavy substance, the coloring a true, suffused pink into and overlaying the natural waxen whiteness. Sometimes there was just a soft pink flushing, but again it would deepen and spread into almost an afterglow rose, but deep in the trumpet throat there was still the usual hint of primrose or of lemon. The seeds that we offer were all saved from a single clon of this strain, the clon that seemed to yield the highest proportion of pinks among its seedlings, a test lot giving close to 90% of pink-tinged blooms, from faintest blush to rather deep pink enrichments. Understand, please, that not all of the seedlings from a sowing will throw pink flowers, but definitely several should always be within the pink range. Offered only in originator's sealed packets, each packet containing ten sound seeds. Packet of 10 seeds for \$1.00; 5 packets, customer limit, for \$4.75.



1 JAPANESE IRIS

The lovely Orchid Irises of Japan, varieties of Iris Kaempferi. Immense flowers in graceful, undulate form. *Illustrated on front cover.*

UNIFORM PRICE—Any of the following, each 65c; 3 of one kind for \$1.80.

JAPANESE IRIS PLANTS—Available both spring and fall. **ALBATROS**—Fine, snowy white with golden center. **AME-THYST**—Very large flowers of rosy lavender. **AVALON**—A splendid beauty. Big, white flowers with faint azure suffusion, are vividly penciled with deep blue. **BLUE HERON**—Deep sky blue with white center. **CONDOR**—Large. Deep blue violet. **DOMINATOR**—Rich indigo blue with white stripes. **ELEANOR PERRY**—Big claret-red double, with white and blue shadings. **FASCINATION**—Lovely mauve-blue double with white veinings. **FLAMINGO**—Splendid double in rich, rosy pink. **IBIS**—Big double flowers that approach bright red. **KATHLEEN HAVEMEYER**—Large and double sky blue flowers, mauve at petal edge. **CHAMELEON**—Double. White with blue marbling. Light and dark flowers on same plant. **LA FAVORITA**—Big white, purple at center, all veined and netted blue. **MARGARET J. HENDRICKSEN**—Attractive double, white at center, shading to blue, and then violet. **AZURE**—Splendid, late-flowering double with heavily ruffled petals. True sky blue. **MICHAEL JACOBS**—Deep, rosy orchid, white and yellow in throat. **MRS. GEORGE STUMPP**—Immense, double flowers in glowing red-violet. **NORMA**—Double blossoms of orchid pink. **OLD ORCHARD**—A showy bizarre. Flowers of red-toned mauve, stippled with white. **PLUTON**—Blue, richly shaded violet. Tall and fine. **PURPLE AND GOLD**—Fine double in velvety purple, with blue-tinted white rays radiating from a golden throat. **RED CLOUD**—Desirable red double with white zone about yellow center. **ROSE ANNA**—Pale wine red, veined purple. Fine large flower. **TEMPLETON**—Vigorous red-violet double that often shows white marblings. **TORO ODORI**—Wine-purple double, splashed with silvery gray. **TRICOLOR**—Mauve-suffused white with violet splashing and yellow center line. Double. **T. S. WARE**—Big, double flowers of wine red with contrasting white veinings. **WISTAR FAVORITE**—An odd, shadowy, silvery blue.

OFFER 128AN—One plant each of the 28 Japanese Irises with names, for \$16.50. **OFFER 131AN**—One plant each of 10 kinds, with names, but our choice of varieties, for \$5.50. **OFFER 132AN**—One plant each of 16 kinds, good ones, each different, but supplied without names or labels, for \$8.00.

SEEDS OF JAPANESE IRISES—kt(2)36. The Japanese Irises grow rather readily from spring-sown seeds, sometimes blooming by second season, quite surely by the next. New beauties may appear, worthy of naming. We offer seeds, our **KAEMPFERI SUPERBA** strain, saved from a fine collection of named sorts. Many of the seedlings should have double flowers and one may expect white, gold-banded, turquoise, azure, rose, purple, crimson, violet, often netted or splashed. Pkt. 20c; 1/16 oz. 30c; 1/8 oz. 50c; 1/4 oz. 90c.

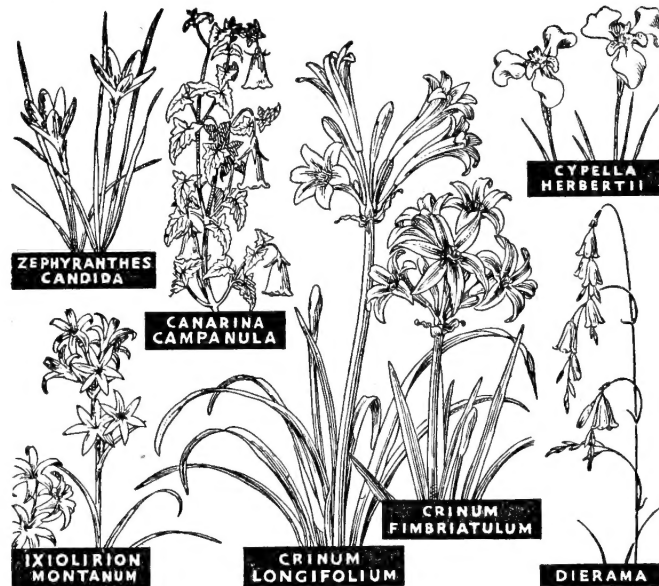
1950 CATALOG 53A
Rex. D. Pearce
Moorestown, N. J.

5 TWELVE UNUSUAL ANNUALS

Here are twelve of the less usual annual flowers, all easy to grow, all of a distinctive beauty that will add personality and charm to your garden. For full descriptions, look for each in its alphabetic position in this catalog. **SOUTHERN STAR**—*Oxypetalum*. 15 inches. Everblooming blue pastel. Pkt. 20c.



BELLS OF IRELAND—*Molucella*. 30 inches. Translucent bells of pale green. Pkt. 25c. **GOLDEN CLEOME**—60 inches. Golden orange filigree. Pkt. 20c. **LAZY DAISY**—*Aphanostephus*. 20 inches. Big white daisies, pink in reverse. Everblooming. Pkt. 20c. **HIBISCUS GOLDEN BOWL**—90 inches. Tall spires of big lemon blossoms, blotched maroon. Pkt. 15c. **ANNUAL INCARVILLEA**—25 inches. Airy trumpets, cream, blush, pink. Everblooming. *Illustrated opposite*. Pkt. 20c. **CUPHEA AVALON HYBRIDS**—20 inches. Profusion of curious butterfly-blossoms in wide color range. Pkt. 15c. **DATURA TRUMPET-IN-TRUMPET**. 50 inches. Big, ruffled, triple trumpets in soft yellow. Pkt. 15c. **TAHOKA DAISY**—20 inches. Blue summer daisy, bloom-filled for months. Pkt. 15c. **STAR OF TEXAS**—*Xanthisma*. 20 inches. Big daisy-flowers of brilliant golden yellow. Pkt. 15c. **BABY SALVIA**—*Salvia microphylla*. 16 inches. Flaring reverse-cones of carmine loveliness. Pkt. 20c. **CORAL FLOWER**—30 inches. *Talinum*. Airy racemes of little pink stars; then "coral beads." Pkt. 20c. **OFFER 12A**—We will send one pkt. each of these Twelve Unusual Annual Flowers, for just \$1.50. If you ordered them separately, they would cost \$2.20.



3 THE CRINUM LILIES

Glorious beauties, flowering bulbs of the *Amaryllis* family for outdoor growing. *Illustrated above*. The bulbs store in winter as readily as *Gladiolus*, but *Crinums longifolium*, *Powellii* album, *Moorei* and *Cecil Houdyshel* may be considered as winter-hardy at Philadelphia. In colder climates they will need considerable winter protection if left outside. All *Crinums* may be grown in pots if one wishes, *Ellen Bosanquet* being particularly good for this handling. **ERUBESCENS**—Whorls of large, fragrant flowers that expand to stars in the softest of pinks, each petal with a rose-shaded center stripe. Each \$1.00; 3 for \$2.80. **LONGIFOLIUM**—Big trumpet-flowers in pink-and-white, sweetly scented. Blooms always in spring, often again in fall. Each 90c; 3 for \$2.60. **POWELLI ALBUM**—Lovely lily-trumpets of purest waxen whiteness. Full winter hardiness here. Each \$1.00; 3 for \$2.80. **MOOREI**—This desirable *Crinum* blooms in late summer, big, bell-shaped flowers of soft pink. Winter-hardy here. Each \$1.25; 3 for \$3.50. **CECIL HOUDY-SHEL**—Showy, robust, long-blooming hybrid. Deep rose pink. Particularly good. Will winter with protection at Philadelphia. Each \$1.70. **ELLEN BOSANQUET**—Here the blossoms are a rich and glowing wine red. Each \$1.30. **OFFER 10AN**—One bulb each of the six for \$6.70.

5 ABRONIA UMBELLATA—ex(8)5. Mats of rose-colored "Verbena" flowers over crispy foliage. Long-bloomer for full sun. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

5 ABRONIA TRIPTEROCALYX—ex(3)25. Clustered, rose-pink flowers, followed by showy, winged seeds, cream to red. Branching, upright grower. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

2 ABRUS PRECATORIUS—w. Weather-vine. Interesting vine for conservatory culture. The pinnate leaves "go to sleep" in stormy weather. White to rose flowers and bright red seeds. 3 seeds for 25c; 14 for \$1.00.

1 ACANTHUS MOLLIS—ktz40. The decorative motif of the capital of the Corinthian column. Purple flowers in dense spikes. Often grown as a pot plant. If grown outside, give careful winter protection. Pkt. 20c; $\frac{1}{4}$ oz. 35c.

2 ABUTILON BELLS

The Abutilons are showy pot plants of easy handling throughout. Seeds grow readily. Often known as FLOWERING MAPLE from the shape of the leaves. Not related to true Maple. Illustrated opposite. Culture "w."

ABUTILON SPLENDID MIXED—The blossoms may be yellow, buff, orange, apricot, pink, rose or red, often with darker veinings. Easier than Geranium or Fuchsia. Seeds, per pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. Plants, no color choice, but all good. Each 60c; 3 for \$1.65. When 3 are ordered, we try to give good variety.

ABUTILON STRIATUM THOMPSONI—Compact plants with yellow marbled "maple" leaves and flowers of golden orange. Plants each 60c; 3 for \$1.60.

ABUTILON SOUVENIR DE BONN—Vivid blossoms of rose-hinting orange. Attractive foliage, each leaf with a wide, white edging. Strong grower. Plants, each 75c; 3 for \$2.10.

ABUTILON VITIFOLIUM—w. Lavender blue flower-cups. Handsome species from Chile. Garden-hardy well north in sheltered positions. Pkt. 35c.

2 HOUSE PLANT SURPRISE

Delightful amazement here. Seeds of perhaps a hundred different ornamentals suitable for pot culture in sunny window or greenhouse, have gone into this blend. Many are rare, unusual. Sift fine seeds from the coarse before sowing, since latter will need deeper covering. Allow for varying germination times. Pkt. 30c; 3 pkts. for 80c.

BOOK—GARDEN IN YOUR WINDOW—Hersey. An interestingly different book on window planting. New ideas and new delights, with the "how" included. Illustrated. \$3.00.

1 ACONITUM or MONKSHOOD

Flowers for the hardy border or the shrub planting, showy and persistent perennials of a decided, if somewhat sombre, beauty. **FISCHERI**—The 3-foot plants become veritable bouquets of deep blue helmet-flowers in early autumn. Long-lived race of high garden merit. Pkt. 20c; 3 pkts. for 50c. Plants, each 55c; 3 for \$1.45; 10 for \$4.00. **LURIDUM**—4 feet. Attractive Himalayan species with racemes of long-beaked flowers in near-red tones. Pkt. 20c. **ANTHORA**—25 inches. The pretty Pyrenees Aconite. Clusters of oddly formed flowers in clear yellow. For unusual decorative effects. Plants, each 60c; 3 for \$1.65. **NAPELLUS**—4 ft. Attractive flower-helmets carried in showy pyramidal racemes. Usually deep blue-violet, but does, at times, vary to rose, or even white. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. **UNCINATUM**—Vine-like species, showing to best advantage when planted among other plants upon which it will support itself. Big, streamer-decked blue helmet flowers. Shade tolerant. Plants, each 50c. **LYCOCTONUM**—4 ft. Unusual species with narrow racemes of quite showy soft yellow flowers. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. **WILSONI**—72. A royal beauty, the plants becoming, in autumn, six-foot towers of richest blue-violet blossoming. A spectacular plant. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 60c; 3 for \$1.70. **OFFER 7A**—One pkt. each of the five so offered for 75c. **OFFER 8AN**—One plant each of the four so offered for \$2.10.

ACONITUMS MIXED—yt. Several good species in blend. Pkt. 20c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.



1 ACAENA—kt. Pretty and hardy New Zealand creepers for the rock garden or wall. **GLABRA**—Finely cut gray-green foliage, set with red-brown flowers and seed heads. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **MICROPHYLLA**—Bronze to blue foliage, set with scarlet seed clusters. Pkt. 20c.

2 ACACIA BLEND—wj. Flowers usually fluffy balls in yellows that range from palest primrose to richest golden. North, large pots or tubs. South, open ground. Pkt. 15c; 3 for 40c.

1 ACHILLEA

Hardy perennials of easy handling, desirable in rock garden, border or cutting garden. Culture "k". **BOULE DE NEIGE**—14 inches. Graceful plants, long filled with intensely double blossoms like little snowballs. Cutting, edging, bedding, rock garden. Plants, each 40c; 3 for \$1.15. **TOMENTOSA AUREA**—7 inches. Dense, woolly mats of cut and curled silvery foliage, graceful golden flowers above. Rock garden, edging or carpeting. Full sun, always. Pkt. 25c. Plants, each 45c; 3 for \$1.25; 10 for \$3.60; 25 for \$8.00. **TOMENTOSA SULFUREA**—Very like the last, perhaps an inch or two taller, just as densely silvery, woolly, but here the flowers are a soft sulphur yellow. Rock gardens or edgings. Plants, each 45c; 3 for \$1.25. **SERBICA**—(Aizoon var.). A delightful edging or rock garden plant with massed, decorative rosettes of silvery foliage, set profusely in June with white daisies. Use with Phlox divaricata for pleasant color effects. Always attractive, whether in bloom or out. Rock garden, edgings, bedding. Full sun. Pkt. 25c. Plants, each 45c; 3 for \$1.25; 10 for \$3.60. **AGERATUM**—14 inches. Sweet Golden Yarrow. Wide, dense heads of pleasant golden flowering. Pkt. 15c; $\frac{1}{16}$ oz. 40c. **ROSE BEAUTY**—25 inches. A truly handsome border plant with its wide clusters of bright rose-colored flowers over foliage of an emerald ferniness. It cuts. Pkt. 15c; $\frac{1}{16}$ oz. 40c. Plants, each 45c; 3 for \$1.25; 10 for \$3.60. **FILIPENDULINA**—45 inches. Striking perennial for the taller mixed border. Great, golden flower-clusters above green, fern-foliage. Pkt. 15c. Plants, each 50c; 3 for \$1.40. **PTARMICA THE PEARL**—27 inches. Massed sprays of double flowers like little white pearls. For cutting, or for decorative planting in the mixed, hardy border. Pkt. 15c; $\frac{1}{16}$ oz. 30c. Plants, each 45c; 3 for \$1.20. **TAYGETEA**—16 inches. Rather new, and extraordinarily good. Delightful foliage of an oddly silvered sage green, wide sprays of pale, primrose yellow above. Plants, each 60c; 3 for \$1.70. **OFFER 5A**—One pkt. each of the 6 offered in seed form, for 85c. **OFFER 6AN**—One plant each of the 8 so offered, for \$3.00.

2 ACHIMENES 3



Brilliantly hued blossoms rather in the Gloxinia reminder, but with intensification of velvety coloring. Flowers mostly in delightful tones of lavender, with variations from mauve to purple. Achimenes starts blooming in late spring, giving then several months of flowers. Usually it is grown as a pot plant, blooming year after year, the tubers increasing freely. It also does well in the garden if put in a lightly shaded position and kept well watered. The tubers are naturally rather tiny, and dry quickly when exposed to air, so we now supply them only in soil, actually growing, or ready to grow. We plant at least four in each pot, and guarantee at least three good ones (but there may be more). We offer each lot of 3 started roots (in soil), enough for a medium pot, for 60c, 3 lots, being at least 9 roots, for \$1.45; 10 lots (at least 30 roots) for \$4.50.

Available early April, through June. Illustrated opposite.

SEEDS OF ACHIMENES—We offer Achimenes Hybrids in seed form. New varieties and colorings of merit should come from this. Seeds are tiny. Pkt. \$1.00.

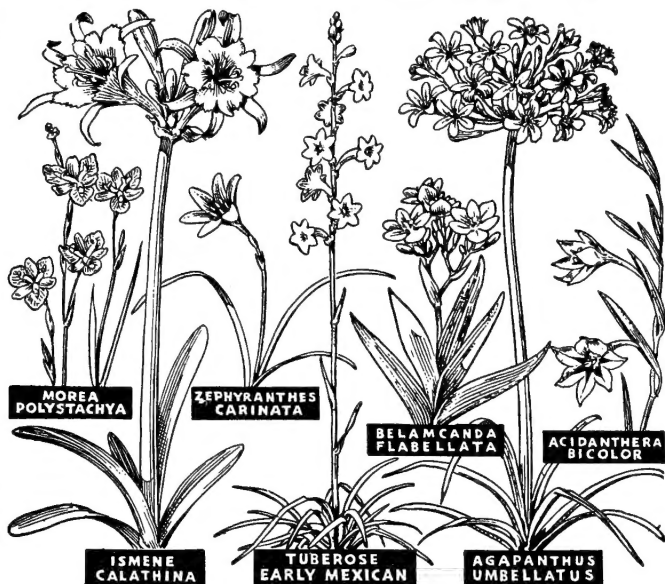
4 RED JAPANESE MAPLE

The true Japanese Maple, **ACER PALMATUM ATROPURPUREUM**, one of the better ornamentals among the small, hardy trees. Exceedingly variable in both leaf form and coloration. Seedlings will run through green and attractive bronzings, to brilliant reds and rich purple-maroon. All will be interesting and worthwhile; some will be excellent. Soak seeds before sowing. Culture "kti". Full winter hardiness. Pkt. 20c; 3 pkts. for 50c; $\frac{1}{4}$ oz. 70c; 1 oz. \$2.25.

5 ACROCLINUM GIANT MIXED—eck(3)25. Everlasting Daisy. Silky blossoms, semi-double to double, in white, tones of pink, and rose. Will dry for winter bouquets. Pkt. 15c; 1/8 oz. for 25c.

1 ACTINOMERIS ALTERNIFOLIUS—enbx(3-4)80. Tall and showy long-blooming perennial of late summer. Great corymbs of honey yellow. Pkt. 15c; 1/8 oz. 25c. Plants, each 50c.

4 ACTINIDIA ARGUTA—ekt(2)100. Tara Vine. Desirable climber with white flowers, followed by edible fruits like sweet, yellow Gooseberries. Hardy north. Pkt. 15c; 1/8 oz. 40c.



3 THE ACIDANTHERAS

Decorative summer-flowering bulbs from Tanganyika and Ethiopia, to be handled in every way exactly as one would Gladiolus. The flaring, long-tubed flowers have a faint, sweet fragrance. *Illustrated above.*

BICOLOR—18 inches. Rich cream with patch of chocolate are the gracefully carried blossoms, these beginning in late summer and continuing through autumn. Bulbs firm, resembling those of Freesia. Spring delivery. 3 for 50c; 8 for \$1.00; 25 for \$2.50; 100 for \$9.00.

MURIELIAE—24 inches. This differs from the last in being a bit larger in both plant and flower. The blossom is pure white here and the starry throat-blotch is black maroon. Western Ethiopia. A valuable bulb-garden addition. Bulbs, spring delivery, each 35c; 3 for \$1.00; 8 for \$2.00.

1 THE AETHIONEMAS

They grow on sunshout cliffs of the Lebanon, on hillsides of Armenia, in creviced ruins of Persia, jeweling column-strewn terraces where ancient kings were proud. rkt(2-3) 6 to 10 inches. Foliage silvery to blue-gray, fine, semi-succulent. Mounded blossom clusters, from purest pink to attractive rose. Delight for the sun-drenched rock garden. Several species in mixture. Pkt. 20c; 3 pkts. for 50c.

AETHIONEMA GRANDIFLORUM—Clusters of purest pink, the flaky florets rather larger than in other species. Foliage blue-silvery. Pkt. 25c. Plants each 60c.

AETHIONEMA SHISTOSUM—Lovely flower-clusters of soft shell pink. Foliage pale, silvery blue. Does well on acid soils. Pkt. 25c; 3 for 70c. Young plants from pots, each 50c.

AETHIONEMA WARLEYENSE—6 inches. Desirable hybrid making wide plants, set thickly with narrow, succulent leafage of deep blue-silver. Many delightful flower-clusters of rosy carmine. Plants, each 50; 3 for \$1.40; 10 for \$4.00.

1 AVALON ROCK GARDEN BLEND

Seeds of the world's finest rock garden plants are here, near to 300 kinds of them, all hardy. It includes every perennial we grow that is of temperament and figure to neighbor pleasantly with rocks and ledges. Doubt that anyone has better facilities for making up such a mixture, considering the large number of rare and desirable kinds that we actually grow and offer. Remember, some will be quick germinating, others are by nature, slow. 1/32 oz. 35c; 1/16 oz. 60c; 1/8 oz. \$1.00; 1/4 oz. \$1.75; 1 oz. \$6.00.

3 AGAPANTHUS 2

Great umbels of glorious trumpet-flowers, spread to starry form. Waxy petals, amethyst to indigo, or rarely white. The bloom is carried on stems that range between 18 and 60 inches in height. First year of blooming there may be only a few flowers but the second year up to 30 or more in the blue, and on a single stem of the Giant White we have had at Old Orchard as many as 160 blossoms. Agapanthus grows readily from seed, often blooming within the year if kept in continuous growth. It may be handled as a large pot plant, and will force for winter bloom, but usually it is grown out of doors in summer, dug in autumn, and carried over winter in a semidormant condition, replanted in sand or earth in a light cool cellar. *Illustrated opposite.* Seeds in mixture, mostly varied blues. Pkt. 15c; 1/16 oz. 35c; 1/8 oz. 60c; 1/4 oz. \$1.00. **GIANT WHITE AGAPANTHUS**—Comes true. Seeds, pkt. 25c. Plants, either Blue or White, at each 95c; 3 for \$2.70.

AGAPANTHUS AFRICANUS MOOREANUS—A dwarf, deciduous form that fits pot plant use, carrying few-flowered umbels of rich blue. Blooms through spring and into summer, passing the winter in a half-resting stage. The hardiest Agapanthus, and with protection, may be wintered outside at Philadelphia. Pkt. 20c. Plants, each 75c; 3 for \$2.10.

5 AGERATUM or FLOSS-FLOWER

This easy-to-grow, dainty and fluffy long-bloomer is one of the better edging plants, and it is good, too, for bedding or as a cut flower. Sometimes it is grown as a pot plant.

AGERATUM BLUE BALL—eirk(3-4)6. Low domes of intense blue. Splendid edger. Pkt. 15c; 1/16 oz. 30c.

AGERATUM BLUE PERFECTION—eirk(3-4)10. Fine deep blue. Good edger, yet, with its 10-inch height, tall enough for cutting. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 45c.

AGERATUM IMPERIAL WHITE—8 inches. Fluffy, snow-drift, white. Cutting or edging. Pkt. 15c.

AGERATUM FAIRY PINK—Quite variable. At its best a dwarf, fluffy, lovely salmon pink. Pkt. 25c.

LASSEAU XI—eck(3)25. Fluffy, mauve pink flowers fill the branching plants. Cutting or garden decoration. Technically Eupatorium. Pkt. 20c; 3 pkts. for 50c.

GOLDEN AGERATUM—eick. It is really golden yellow, it does look very much like an Ageratum, and it may be used in the same way, but actually it is *Lonas inodora*. The flowers are closely clustered and fluffy, rich yellow, and planted thickly so that the height is held down to about ten inches, it makes an excellent edging. It is a long lasting flower for cutting, too. *Illustrated page 5.* Pkt. 20c; 3 pkts. for 50c.

CUT-FLOWER BLEND—20 inches. A taller, more branching Ageratum for cutting. Dominantly blue, with a little white and a bit of pink (Lasseauxi). Pkt. 15c; 2 pkts. for 40c.

OFFER 4A—One pkt. each of the above for \$1.00.

AGERATUM PRINCESS PINK—Delightful deep pink. Plants are dwarf and compact. Everblooming. Makes an attractive pot plant, or may be set outside. Plants, each 50c; 3 for \$1.40.

2 AFRICAN VIOLET or SAINTPAULIA

Exquisites for window pot culture, lovely in blossom colorings, velvety in foliage, long in bloom. While seedlings will be mostly blue, at times other colorings may appear, for that is how the new varieties originate. Dust-like seeds. "w" culture. Pkt. 60c; 3 pkts. for \$1.65.

AFRICAN VIOLET PLANTS—Three delightful kinds. **BLUE BOY**—Rich, deep blue. Each \$1.00. **PINK BEAUTY**—Large blossoms of soft pink. Each \$1.10. **WHITE LADY**—Flowers of snowy whiteness. Each \$1.10. **OFFER 21AN**—One plant each of the three for \$3.00.

BOOK—THE AFRICAN VIOLET—Wilson. All details of culture and care. Describes 68 named varieties. Fully illustrated. \$2.75.

1 ADENOPHORA BLEND—ebx(3)40. Spire-bell. Tall, slender stems from which sway many pretty bell-blossoms in varied tones from palest china blue to true sky-azure, usually with a hint or suffusion of silveriness. As easy as Campanula, and of like seasons, hardiness and habits. Pkt. 20c; 3 pkt. for 50c.

1 ADLUMIA FUNGOSA (cirrhosa)—*estkt(2-3)72. Alleghany Vine. Airy foliage and lacey blossoms of smoky rose. Pretty low climber. Biennial. Shade-tolerant. Pkt. 15c; 1/16 oz. 40c.

2 AECHMEA MIXED—w. Ornamental Bromeliads for pot culture. Diversely decorative in foliage and flower. Pkt. 30c.

5 ADONIS ANNUA—ekt(3-4)24. Flos-Adonis. Flowers of rich crimson with darker centers are carried on branching plants. Fine, fern-like foliage. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

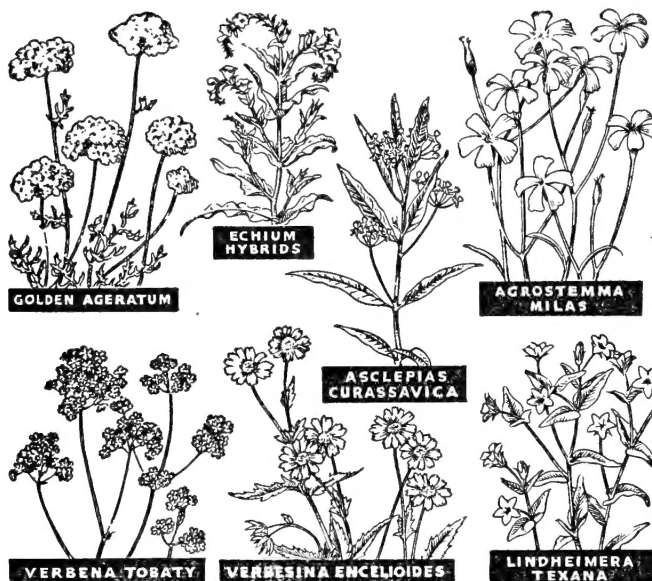
1 ADONIS VERNALIS—rkt(1)9. In early spring come golden flowers with many petals. Pkt. 20c; $\frac{1}{16}$ oz. 25c.

2 AEONIUM HAWORTHI—A rather good pot plant from the Canaries. Short, crooked branches, each ending in a rosette of thick, delta-shaped leaves, these of a rich succulence, and a finish as of silver powdering over a glossy blue-green. Plants, each 40c; 3 for \$1.10.

2 AEONIUM ARBOREUM ATROPURPUREUM—Picturesque plants, each rugged branch ending in a big, loose rosette of rich green, deeply shaded bronze-purple. Plants only, each 40c.

AGAVE BLEND—w. The Agaves or Century Plants have rosettes of thick, sword-shaped leaves, sometimes variegated. Leaf edges may be smooth, toothed or spine-set. Quite variable, but always decorative. Rather easy culture, making handsome large pot-plant specimens. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

1 AGRIMONIA ODORATA—ebostk(3)36. A pleasing perennial for any shady position, but it will do well in full sun, too. Long wands of sweetly scented little star flowers, lemon or golden. Pkt. 15c; $\frac{1}{8}$ oz. 35c. Plants, each 45c; 3 for \$1.20.



5 AGROSTEMMA MILAS—ecbkt(2-3)35. A quick and showy annual for early sowing. Wide flowers of lilac-toned violet upface on graceful, swaying spreads of long slender stems. Individual blossoms may be 3 inches in diameter. *Illustrated above.* Pkt. 15c; $\frac{1}{8}$ oz. 30c.

1 AEGOPODIUM PODAGRARIA—Pretty creeping perennial for ground cover, edging, rock garden. Foliage white margined and marbled. Umbels of little white flowers. Shade-tolerant. Plants, each 45c; 3 for \$1.20; 10 for \$3.60.

1 AJUGA REPTANS—(2)6. Hardy creeper for rock garden, or as a carpenter. Low mats of overlapping foliage, shaggy spikes of little blue flowers above. Sun or light shade. Plants, each 40c; 3 for \$1.05; 10 for \$3.00; 25 for \$7.25.

4 AKEBIA QUINATA—k. Ornamental porch vine of full hardiness. Fragrant, purple flowers, followed by showy fruits. A graceful ornamental. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

4 ALLAMANDA CATHARTICA—w. Handsome conservatory vine with 3-inch, funnel-flowers of richest yellow. Called "finest climbing plant in cultivation". Pkt. 20c.

2 ALOE—The Aloes make handsome, long-lived pot plants that get bigger and finer year by year. **BREVIFOLIA**—The Pearl Aloe. Deep-piled and thick rosettes of triangular, pearl-gray leaves with blue overcast. Red flowers. A good one. Plants only, each 45c. **VARIEGATA**—Tiger Aloe or Partridge Breast. The thick, three-cornered leaves of darkest green are contrastingly white marbled and edged. Tubular, orange scarlet flowers. Plants, each 40c. **CILIARIS**—Here the thick green leaves are widely spaced on the straying stems in quite un-Aloelike fashion. A free, easy and colorful annual bloomer. Blossoms like clusters of red firecrackers. Plants only, each 45c. **OFFER 14AN**—One plant each of the three for \$1.20.

2 ALOE BLEND—w. Few more satisfactory decorative pot plants, and the variation in form and color tone among them is rather amazing. Pkt. 20c; 3 pkts. for 50c.

1 ORNAMENTAL ALLIUMS 3

Always fascinating are these hardy rock garden and border perennials. They make decorative cut flowers. Culture "kt." **AZUREUM**—(3)30. Florets of purest blue-sky azure in big ball-clusters on slender stems. Increases well. Hardy. *Illustrated opposite.* Potted, growing bulbs, each 35c; 3 for \$1.00.

AFLATUNENSE—(2)30. Rare and showy Persian species. Beautiful purple flowers in dense, spherical clusters on tall stems. It cuts. Pkt. 25c. **ALBOPIL-OSUM**—(3)36. Another handsome Persian, with great clusters of lilac florets. Pkt. 20c. **AMMO-PHILUM**—(2-4)20. Loose clusters of pretty lavender stars. Fine long-bloomer that will endure heat and drought. Rock garden or edgings. Pkt. 20c. Plants, each 45c; 3 for \$1.20; 10 for \$3.25. **CERNUUM**—(2)20. Nodding clusters of pink-tinted stars. Pkt. 20c. Plants, each 40c. **CYRILLI**—(2)20. In rather early spring the close, tufted plants carry, on many slender stems, multitudes of fluffily dense blossom-heads in brightest rose. Fine edger, but desirable for many other uses, too. Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.10; 25 for \$6.75. **AUGUST BEAUTY**—(3)25. Splendid horticultural variety with shining, deep green foliage and large, ball-like clusters of starry florets in brightest lavender-violet. In bloom from late July, on through most of August. It cuts. Plants, each 50c; 3 for \$1.40; 10 for \$3.90. **FLAVUM**—(2)10. Bells of buff-yellow, tawny in reverse, carried in loose clusters. Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **KARATA-VIENSE**—Unique Turkestan species with immense flower clusters of soft lilac just over wide, decorative leaves of red-tinted blue-green with metallic lustre. Pkt. 25c. Plants, each 40c; 3 for \$1.10. **NARCISSIFLORUM**—(2-3)10. Graceful and pretty in the rock garden. Nodding, one-sided clusters of little bells in a rich, purple violet. Pkt. 25c. Plants, each 50c. **MOLY**—(2)12. In June come massed clusters of upfacing bell-flowers in deep, golden yellow. Hardy and long-lived. Pkt. 20c. Plants, each 35c; 3 for \$1.00. **NEAPOLITANUM**—16 inches. Clusters of snowy white flowers with darker stamens. Particularly good, but will need careful winter protection above Philadelphia. Also often grown in pots indoors. Plants, each 35c; 3 for \$1.00. **NUTTALI**—(2)7. Loose clusters of little, rather campanulate flowers, white or bluish-toned. Pkt. 20c. **OREO-PHILUM**—(3)16. Fine garden species from mountains of Daghestan. Great, airy dome-clusters in opalescent lavender to near-violet. Good foliage. Pkt. 20c. Plants, each 45c. **OSTROWSKIANUM**—(2)9. Delightful, rare Allium from Turkestan with clustered blossoms in the richest of purple-toned crimsons, not far from maroon. Each 40c. **STELLARIANUM ALBUM**—(4)20. A most attractive September bloomer with wide, flat clusters of fragrant white star-flowers. Effective in mixed border or for cutting. Pkt. 20c; $\frac{1}{8}$ oz. 40c. Plants, each 45c; 3 for \$1.20. **PULCHELLUM**—(3)20. Brightly showy species with flowers of vivid rose-violet, carried in loose, informal clusters. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00. Plants, each 40c. **STELLATUM**—(4)20. A particularly good one. Flowers of bright rose-pink, starry clusters of them, come in September and October. Pkt. 25c. Plants, each 40c. **SPHAEROCEPHALUM**—(3)27. The fluffily dense flower-globes of rich mulberry maroon are held high on slender stems. Pkt. 20c. Plants, each 40c. **TANGUTICUM**—(3)22. Lavender Globe-Lily. Big globe-clusters of pretty stars in purest lavender. A handsome plant when in full bloom. It cuts. Pkt. 25c. Plants, 45c; 3 for \$1.25. **TUBEROSUM**—ecrbkt(3)25. Wide, upfacing umbels of white star-flowers, delicately perfumed. It cuts well. Desirable in the mixed perennial border. Pkt. 20c; Plants, each 40c. **UNIFOLIUM**—(1-2)10. A dainty early bloomer. Clusters of delightful, lavender-rose stars come before the leaves. Attractive in the rock garden. Pkt. 20c; $\frac{1}{8}$ oz. 40c.



OFFER 9A—One pkt. each of the 18 Alliums offered in seeds, for \$3.00. **OFFER 11AN**—One plant each of the 18 Alliums offered in plants, for \$6.50.

ALLIUM ORNAMENTAL BLEND—Seeds of those so offered above, with others. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00. See **TREASURE CHEST LIST** for other Alliums.

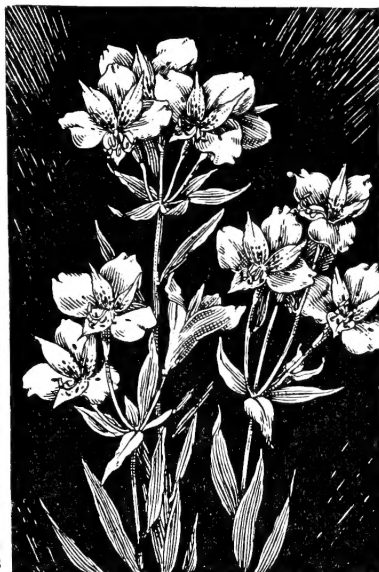
1 ALCHEMILLA SPLENDENS—Lady's Mantle. Low, hardy rock garden or edging perennial with masses of attractive, downy, scalloped leaves. Little creamy flowers. Plants, each 45c; 3 for \$1.20; 10 for \$3.60.

3 ALOPHIA PULCHELLA—rkt(1-2)7. Attractive little bulb-flower from Uruguay, blooming in fairly early spring. Up-facing blossoms of deep blue-violet. A good pot bulb. If grown in garden, give careful winter protection. Pkt. 20c.

2 ALOYSIA or LEMON VERBENA—w. Grown for the perfumed foliage, this used with other cut flowers to give non-cloying fragrance. Usually handled as a pot plant, but may be set outside in summer if desired. Pkt. 25c; 3 pkts. for 70c.

3 LILY OF PERU 1

Lily of Peru is an old name for **ALSTROEMERIA**, and the flowers do rival those of the Lily in beauty, though *Alstroemeria* belongs to quite another plant family. Nor can Peru altogether claim them, for certain of the species come from Chile, or from Brazil. But by any name whatever, the great sheafs of blossoming in all their rare colorings are just as handsome. They grow from tangles of brittle, tuberous roots, and at our Old Orchard Nursery seem to be quite soundly winter hardy. We mulch them with straw in late autumn, parting this in spring to let the stems come through, but otherwise leaving it in position to keep the soil cool during the hot months. When the *Alstroemerias* are in bloom, there is nothing in the nursery more decorative, more gorgeous. In very cold regions the roots can be dug in autumn and winter-stored in sand. *Alstroemerias* grow well from seed, "kt" culture, often giving a few blossoms first year. Sometimes, though, the seed lies over until the second spring before germinating, being rather erratic and unpredictable in behavior. At times it will even germinate well, sown in heat under glass.



ALSTROEMERIA AURANTIACA

AURANTIACA—Great sheafs of showy flowers in yellow to golden orange, the upper petals splashed carmine. Does well at Old Orchard in open ground plantings. Pkt. 20c; ½ oz. 40c; ¼ oz. 75c. Plants, spring delivery, each 50c.

CHILENSIS—22 inches. Bright blossoms in pink, and in tones of rose or red, often with hint of orange suffusion. Cream or salmon forms may appear. Garden-hardy well north if protected with straw or leaves. Also does well as a pot plant under glass. Pkt. 20c; ½ oz. 45c; ¼ oz. 80c; 1 oz. \$2.90.

THE RARER ALSTROEMERIAS—Less usual kinds that are just as easy to grow as the two offered above. **HAEMANTHA**—35 inches. Handsome species with rather large flowers, the outer segments red with green tips, the inner ones showing blended tones in orange effect, purple-dotted. Pkt. 30c; **HOOKERI**—A dwarf, upright grower that does particularly well as a pot plant, blooming under glass February into late July. Blossoms soft pink, with markings of carmine and touch of white. Pkt. 30c. **LIGTU HYBRIDS**—24 inches. Delightfully variable, with blossoms that may be white, pink or rose, often with apricot and orange tones. It winters outside at our nursery. Also forces well. Pkt. 25c; ½ oz. 50c. **PELEGRINA**—16 inches. Lily of the Incas. Flower usually lilac rose with purple splashing, but sometimes all unmarked pure white. Pkt. 30c. **PULCHELLA**—Parrot Lily. Stems to four feet carry whorls of uneven trumpets in rich red with green tips. Long in bloom. Pkt. 20c. Plants, spring delivery, each 50c. **VIOLACEA**—22 inches. A rare species. Lovely flowers of bright lilac, with hint of tawny and flush of violet. Pkt. 35c. **VERSCOLOR**—12 inches. Unusual Chilean species with bright yellow flowers, spotted purple. Quite hardy. Pkt. 30c. **OFFER 15A**—One pkt. each of the nine for \$2.10.

ALSTROEMERIA BLEND—Fine mixture, heaviest in *Chilensis* and *Aurantiaca*, but including a bit of each of the kinds above. Pkt. 20c; ½ oz. 45c; ¼ oz. 80c; 1 oz. \$2.90.

3 AMARYLLIS

There are few easier, surer, or more beautiful bulb-flowers.



AMARYLLIS HYBRIDS

AMARYLLIS GIANT HYBRIDS—w. Magnificent flowers, great expanded trumpets in rose, scarlet, crimson, all one color, or more often with white star-throats, or great splashing and barrings of white. There is no more spectacular flowering bulb for pot culture, and that culture is easy, too, easy enough for any sunny window. *Illustrated opposite*. Seeds saved from fine selected plants, 10 seeds for 25c; 50 for \$1.00; 100 for \$1.75; 250 for \$3.75; 500 for \$7.00. Bulbs available throughout year, except during July and August. Each 70c; 3 for \$2.00; 10 for \$5.60; 25 for \$12.50. Mixed colors only.

THE WHITE ARGENTINE AMARYLLIS—This rare species carries long, trumpet-shaped pure white flowers on stems to 30 inches. Sweetly perfumed. Blooms in summer. Botanically **AMARYLLIS CANDIDA**. Altogether lovely and desirable. Seeds, each 25c; 6 seeds (customer limit) for \$1.35.

LILY OF THE PALACE—So stately, fragrant **AMARYLLIS AULICA** was called long ago. The handsome flowers are bright crimson, base of each petal showing vivid green, with a small red-purple blotch where green and crimson meet. 3 seeds for 40c; 9 seeds for \$1.00.

AMARYLLIS ADVENA—The Oxblood Lily of Chile. In August and September each 10-inch stem bears several medium-size flowers in richest oxblood red. May be grown in pots, or deeply planted bulbs will winter in open ground as far north as southern Michigan, but planting should be protected with straw or leaves in autumn. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

BRUNSVIGIA ROSEA (*Amaryllis belladonna*)—The Beautiful Lady. Perfumed, clustered flower-trumpets, soft pink to deep rose. Makes a delightful window or porch plant, but as far north as Philadelphia it is also garden-hardy. With adequate winter mulching, it may, indeed, be wintered outside much farther north. Seeds, rather large and succulent, 4 for 25c; 20 for \$1.00. Bulbs, June to November, each 75c; 3 for \$2.00. *Illustrated opposite*.



AMARYLLIS BIFIDUM—Clusters of rather erect flowers in rich red, on stems to 10 inches. Smaller in all its parts than the other *Amaryllisses*, but nevertheless as beautiful as it is different and distinctive. South of Philadelphia will usually winter in the open ground, but it is also a most desirable species for culture under glass, 3 or 4 bulbs being planted in a large pot. 10 seeds for 25c; 50 for \$1.00.

AMARYLLIS FORMOSISSIMA—This showy, easy bulb-flower is often called "The Garden Amaryllis," for it does very well just grown in the summer garden in manner of *Gladiolus*, being also dug and stored in autumn in *Gladiolus* fashion. Often within three weeks after the spring planting of it, the great fantastically formed blossoms will be appearing, flowers of velvety crimson, gold-glinting with pollen dust. Botanically this is **SPREKELIA FORMOSISSIMA**, and other names for it are Mexican Fire Lily, Inca Lily and Jacobean Lily. By the way, you can grow it in pots indoors, too. Then it blooms in late winter. *Illustrated opposite page*. Bulbs each 60c; 3 for \$1.65; 10 for \$4.80.

3 LEOPARD PALM

A bizarrely decorative plant for the summer garden, called there Leopard Palm from the odd spotting of the stem, and the great, gracefully arching, digitate leaves. Botanically it is **HYDROSOME RIVIERI** (or *Amorphophallus*), a tuberous rooted Aroid. Tubers should be dug in late autumn, and stored. In late winter, without help of soil or light, they will rocket forth curious blossoms, spadix of maroon, spathe of rose-tinted green; exotic and unconventional. Tubers only, around 2-inch diameters, each \$1.25; 3 for \$3.50. These are not yet large enough to bloom, but they will meanwhile pay their way in fantastic, summer decorative effects.

5 ANCHUSA BLUEBIRD

Constellations of vivid Forgetmenot blue blossoms, each with center of white. Long in bloom. A quick and easy Annual for beds, borders and other decorative plantings. Use much of it. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

1 ANCHUSA or ALKANET

Decidedly decorative perennials, easy from seed, sometimes giving bloom season of sowing. Culture "x".

AFFINIS — ebx(2-4)40. Uncurling racemes set with blue-violet stars, *Illustrated opposite*. Pkt. 15c.

AVALON HYBRIDS — Plants have hardness, heights and uses of Affinis, but with a color range that extends to rose, soft pink with carmine star, cream, primrose, pale blue suffusions, indigo, black-violet and the like. Desirable in mixed hardy border. Long-lived. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 45c. Plants, mixed only, each 50c.

ITALICA — (2-3)45. The largest flowered. Showy fountains of brilliant blue. Handsome species, easy from seed. *Anchusa azurea*. Pkt. 15c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.15.

BARRELIERI — ex(2-3)27. Arching, profuse plants with sprays of navy blue blossoms, white in the throat. Pkt. 15c.

ANCHUSA MYOSOTIDIFLORA — erstk(2)10. A beauty of the Caucasus that delights in a cool, shady corner. Above low masses of big, heart-shaped leaves come loose, airy sprays of blossoms in what might be called a Forgetmenot blue were it not even brighter than that. A hardy, long-lived perennial for sun or shade. (*Brunnera macrophylla*). Pkt. 25c; $\frac{1}{16}$ oz. 75c. Plants, each 55c; 3 for \$1.50; 10 for \$4.70.

OFFER 17A — One pkt. each of the five for 70c.



ANCHUSA
AFFINIS

1 ALYSSUM FOR SILVER AND GOLD

ARGENTEUM — (2)10. Silvery foliated bushlets are mantled with delightful flake-flowers of citron yellow. Pkt. 20c.

SAXATILE COMPACTUM — (2)10. Basket of Gold. Multitudes of brilliantly golden flowers seem poured over silvery foliage. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

SAXATILE CITRINUM — Here the blossoms are pale lemon or citron yellow. Otherwise like last in every way. A plant to be desired. Pkt. 20c; 3 pkts. for 50c.

MONTANUM — (2)8. Tufted mounds of gray-green foliage carry lax sprays of bright yellow flowers. Pretty rock garden or edging species. Pkt. 20c; $\frac{1}{16}$ oz. 35c.

PETRAEUM — (2)10. Diffuse branchings filled with pale yellow flowers, followed by inflated seed capsules. Pkt. 20c.

OFFER 16A — One pkt. each of the five for 70c.

5 SWEET ALYSSUM

The Sweet Alyssums are easy, long-blooming Annuals, valued for edgings, bedding, rock garden, pots, window boxes.

ALYSSUM CARPET OF SNOW — eik(2-4)4. A veritable, fragrant, snowy carpet. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

ALYSSUM VIOLET QUEEN — eik(2-4)6. A row of it is a honey-scented ribbon of rich, deep violet. Practically ever-blooming. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

ALYSSUM LUTESCENS — Here the flowers are of a soft cream or straw yellow tone. Pkt. 10c; 3 pkts. for 25c.

1 BLUE STAR OF TEXAS

AMSONIA TABERNAEMONTANA — enbstx(2-3)28. An easy hardy perennial that thrives in either full sun or partial shade. The many willowy stems end in panicles of starry blossoms in soft blue, *Illustrated opposite*. Good foliage, attractive the entire season. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. Plants, each 40c; 3 for \$1.10.

AMSONIA MONTANA — erbstx(3)15. A lower, more densely growing species of high merit, suitable for the rock garden, or the front of the hardy border. Sprays of pale blue, starry flowers. A really choice plant. Pkt. 25c. Plants, each 55c.

AMSONIA ILLUSTRIS — ex(3)25. Grouped stems end in large, dense clusters of sky blue flowers. Up-pointing leaves, shining above, glaucous below. Plants, each 60c.



AMSONIA
TABERNAEMONTANA

1 ANEMONE or WINDFLOWER

The Anemones will delight in rock garden or in border, in full sun or in light shade. "kt" culture.

ALPINA — (1-2)6. Flowers usually snowy white, but sometimes creamy. Often there is a hint of purple shading on the petal reverse. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 55c.

BLANDA — (1)7. Grecian Windflower. It blooms at first breath of spring, tufted foliage mounds set profusely with wide rayed starry flowers in the most brilliant and startling of blues. *Illustrated opposite*. Pkt. 25c.

CANADENSIS — (2)15. Long spring showing of big star-blossoms in purest white. A handsome and adaptable Windflower. Pkt. 20c; 3 for 50c. Plants, each 45c; 3 for \$1.20.

CORONARIA — (1-2)12. There are few gayer flowers than this, blossoms of vivid scarlet, brilliant blue, heliotrope, rose, pink, salmon, crimson, white. Large single blooms. Needs protection in cold climates, or can be grown as a pot bulb. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Tubers, either spring or fall, 10 for 75c; 25 for \$1.60.

CORONARIA ST. BRIGID — Seedlings of this strain are likely to have large double flowers. Same fine color range, same habits as the last. Pkt. 20c; 3 pkts. for 50c. Tubers, fall and spring, 10 for 85c; 25 for \$1.95.

DECAPETALA — (2)8. Upfacing flowers that may be white, pale blue, deep blue, or rarely rose-toned. A rock garden exquisite. Pkt. 20c; 3 for 50c.

HALLERI — (2)6. Pretty cup-flowers of lilac lavender. Rather like a half-size Anemone pulsatilla. For the sunny rock garden. Pkt. 20c; $\frac{1}{16}$ oz. 50c.

MAGELLANICA — (3)15. Handsome summer-bloomer with upfacing flowers of creamy yellow. Long-lived; long blooming. Pkt. 20c; 3 pkts. for 50c. Plants, each 55c; 3 for \$1.50.

NARCISSIFLORA — (2-3)18. Massed loveliness of clustered blossoms, usually of purest white, but again with faint color suffusions. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

PULSATILLA — rbkt(1-2)15. A handsome species of fullest enduring hardness. Great purple cups, centered with golden tassels, set in green ruffs. Long-lived, getting better and showier year by year. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 50c; 3 for \$1.40; 10 for \$4.00.

PULSATILLA ALBA — Like the last in every way except that the flowers are pure or tinted white. Pkt. 20c.

PULSATILLA RUBRA — Flowers of velvety crimson-violet. Plants, each 50c.

RIVULARIS — (3-4)40. The Great Windflower of India is of fullest winter hardness. Big, starry flowers, white above and purple below, on tall, wide-branching plants. Pkt. 20c.

SYLVESTRIS — (2-3)15. The lovely Snowdrop Anemone. Perfumed, nodding flowers, long in bloom. Shade-tolerant, but with straw about the roots to keep the soil cool, it will thrive in sun, too. Pkt. 20c. Plants, each 50c; 3 for \$1.40.

VITIFOLIA — (4)36. Himalayan Windflower. Rather large pink-suffused flowers, rosy in reverse. Related to *A. japonica*, but blooms much earlier, and has great hardness. Needs no winter protection. Pkt. 20c.

OFFER 18A — One pkt. each of 14 above for \$2.25.

ANEMONE BLEND — Splendid mixture, most of those here, with others. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.65.



1 ANEMONE JAPONICA

Great long-stemmed blossoms in white, rose or pink, a glorious "spring-in-autumn" flower. Blooming starts in late summer, continuing well into fall. *Illustrated opposite*. 30 inches, "yt" culture. Pkt. 20c. Plants also available. **QUEEN CHARLOTTE** — Big semi-double flowers in clear La France pink. Plants, each 65c; 3 for \$1.80. **MARIE MANCHARD** — A snowy beauty. Semi-double flowers of purest white. Plants, each 65c; 3 for \$1.80. **ALICE** — Big, single flowers of a deep, rich rose, not far from red. Plants, each 65c; 3 for \$1.80. **OFFER 22AN** — One plant each of the three Japonicas, with one of *Hupehensis*, for \$2.45.

ANEMONE HUPEHENSIS — (3)15. A Chinese race, close to *Japonica*. Particularly early and free-blooming. Neat, compact plants of upright habit, that become sheafs of flowers. The blossoms are bright pink above, rich rose in reverse. Plants, each 65c; 3 for \$1.80.



5 AMARANTHUS MOLTEN FIRE—k(2-3)15. Richly colored annual foliage plant for garden or specimen effects. Maroon foliage, each branch topped with a flaming radiation of crimson floral leaves. Easy from seed. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

5 AMBERBOA MURICATA—ecbdx(2-4)30. This easy, free-blooming annual cousin of Centaurea is called Star of the Desert, for it makes its home in dry, sun-baked lands. The blossoms are 3-inch lace-stars of soft purple with creamy centers, and it blooms freely and long. It cuts. Of easiest garden culture. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

5 AMBROSIA—ex(8)20. Graceful green "ostrich plumes" for cut flower effects. Decorative; pleasingly aromatic. Called Feather Geranium, but botanically a Chenopodium. Effective annual edger. Fine seeds. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

4 AMELANCHIER STOLONIFERA—kt(1)40. It is the Juneberry, a two-purpose shrub. Panicles of snowy spring bloom. Then big, luscious berries like the cultivated blueberries, but darker, and rather sweeter and richer. Pkt. 15c; 3 for 40c.

2 AMELLUS LYCHNITES—*w(3)8. Showy blue daisy with gray-downy foliage. Usually grown as a pot plant, but may also be started early for garden bloom. Pkt. 20; 3 for 50c.



2 THE ANGELON

It is *ANGELONIA SALICARIAEFOLIA*, but in South America where it decorates many a patio, it is called The Angelon. Great racemes of handsome, bright blue flowers. Apple-scented foliage. Delightful window, porch or conservatory plant. *Illustrated opposite*. Plants, each 65c; 3 for \$1.75.

3 EASY ANOMATHECA

A pretty bulb-flower that is quite quick and easy from seed, blooming within a few months after sowing. Rather good flowers of rosy red with maroon markings. Does splendidly in pots, given Freesia handling. Botanically it is *LAPEIROUSIA CRUENTA*. ew(7-1)10. Pkt. 20c; 3 for 50c.

ABELIA EDWARD GOUCHER—Delightful low shrub in continuous bloom from June through October, blossoms of clear pink with tiny touch of yellow. Hardy at Philadelphia; protect in cold areas. Also sometimes grown as a handsome, long-blooming pot plant. Nice, young plants, each 65c; 3 for \$1.75.

2 ANIGOZANTHOS MANGLESI—w. The strange "Kangaroo Paw" of Australia, an interesting, decorative pot plant. The blossoms are clusters of downy tubes that expand toward starry form, the coloring rich crimson tipped with emerald green. The stems are covered with a downiness like crimson velvet. Blooming season is summer. Pkt. 25c.

2 ANIGOZANTHOS HUMILIS—w. Dense racemes of odd flowers with crimson tubes that expand to buff-yellow stars. Rare. Pot plant for full sun and good drainage. Pkt. 25c.

3 ANTIGONON LEPTOPUS—kt(2-4)30 ft. Rosa de Montana. A quick vine, growing rapidly in the spring from root tubers. Heart-shaped foliage, garlanded for months with blossoms of bright rose. It grows quickly in spring from the tubers, which may, in cold areas, be winter-stored in sand in cellar. Also a charming conservatory vine. Pkt. 20c. Roots, field-grown, each 75c; 3 for \$2.00.

5 ANODA or AMAPOLITO

Quick, long-blooming Annual of easy growing and a high attractiveness. Sow early and you will have blossoms by first week of June, continuing then until late autumn freezes. *Anoda lavateroides*.

ANODA OPALCUP—ecbx(8)48. Crinkly lustrous chalice-flowers in that delightful opaline borderland that lies between blue and pink. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 35c.

ANODA SNOWCUP—ecbx(8)35. Blossoms of glinting new-snow whiteness. Plants grow in even, oval, formal effect, as though they had been trimmed into shape. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.



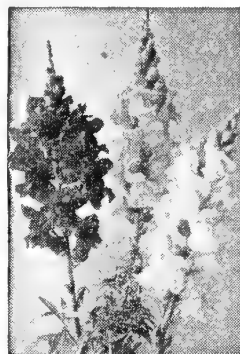
1 ALTHAEA TAURINENSIS—ebx(2-4)70. Good hardy perennial for the mixed border. The several branching stems carry blossoms of rose pink, each flower from 1½ to 2 inches across. Ashy foliage. Long-lived. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

5 ANAGALLIS BLUE—ek(2-4)8. Inchwide flowers of brilliant blue over a long season. Desirable for edging or for bedding. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

5 ANAGALLIS MIXED—ek(2-4)8. True Pimpernel. Low, undulate color, lilac, bright blue, scarlet. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

5 SNAPDRAGON or ANTIRRHINUM

Snapdragon is a flower for everyman's garden and everyman's pleasuring. There could be no finer Annual for cutting. The kinds offered here, all rust-resistant, grow to 30 inches or more of height, at least the last



foot of it set with immense, exquisitely formed blossoms in many rich, varied colorings. Often there are a dozen or more flower-filled stems to a plant. **ARTISTIC**—Rose pink and white. **COPPER SHADES**—Copper and bronze in blended tones. **LOVELINESS**—Pure deep pink. **RED CROSS**—Contrasting crimson and pure white. **YELLOW GIANT**—Exquisite canary. **SNOW GIANT**—Yes, it's white. **CAMPFIRE**—Bronze, with touches of crimson, carmine, and yellow. **UNIFORM PRICE** of these named sorts is 20c the pkt. or $\frac{1}{16}$ oz. for 50c. **OFFER 24A**—One pkt. each of the 7 for \$1.00.

ANTIRRHINUM PEERLESS BLEND—32 inches. A gorgeous blend, all the colors above, with very many more. Magnificent flower spikes, the upper 10 to 12 inches set closely with splendid, big flowers. Highly rust-resistant. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25.

ANTIRRHINUM TETRA SUPERFINE—The giant, ruffled, tetraploid Snapdragon. Immense flowers of heavy texture are carried in base-branching spikes to about 25 inches. Wide color range that includes, along with selfs in many shades and tones, a pleasing assortment of suffusions, bicolors and variegations. Pkt. 25c; $\frac{1}{2}$ oz. 40c; $\frac{1}{16}$ oz. 75c.

ANTIRRHINUM MAGIC CARPET—erik(2-4)5. Delightful, semi-creeping plants loaded with flowers in exceedingly bright, immensely varied colorings. Rock gardens, edgings, beds. A true hybrid. Pkt. 20c; $\frac{1}{2}$ oz. 35c.

1 ANTIRRHINUM ASARINA—erk(8)6. Trailing mats of silver-sparkling, succulent foliage, set with big, lonesome flowers, rich cream with lip of citron and red. Winter-hardy rock garden perennial. Pkt. 20c; 3 pkts. for 50c.

1 LILY OF ST. BERNARD

ANTHERICUM LILIAGO, but the old folk-name for it is Lily of St. Bernard. Starry flowers of purest whiteness are carried in airy racemes. A long-lived perennial of much beauty, finer year by year. *Illustrated opposite*, ekt(2-3)34. Pkt. 20c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. Plants, each 75c.

ANTHERICUM RAMOSUM—erbk(3)20. Multitudes of rather airy white stars in gracefully diffuse branchings. Will fit the larger rock garden or the front of the hardy border. Pkt. 25c; 3 for 70c.



ASK FOR THEM—Supplementing this catalog are two special folder offers, sent gladly upon request. **SPECIAL BOOK OFFER**, describes the many books on garden, nature and botanical subjects that we sell. **TREASURE CHEST FOLDER**, gives in price list form, additional offerings in desirable seeds, plants and bulbs.

1 ANDROSACE LANUGINOSA—Slender, prone stems radiate from the crown, each ending in a silvery rosette from which rise dense Verbena-like clusters of pretty little rose-colored flowers, the whole not above four inches of height. Eventually forms small, open mats. Pretty and hardy rock garden species from the Himalayas. Plants, each 50c; 3 for \$1.40.

1 ANEMARRHENA ASPHODELOIDES—(3)60. Rare Chinese Asphodel-cousin. High decorative sheafs of narrow, glossy foliage. Tiny, rose-purple flowers. Plants, each 50c.

1 ANTHEMIS

A race of easy and satisfactory daisy-flowers for rockery or border. Mostly they cut well.

BIEBERSTEINIANA—(2-3)12. Above low foliage that might be silver filigree sprinkled with diamond dust, rise blossoms of orange-gold, each on its own slender stem. Definitely one of the more desirable, as it is also one of the rarer, of rock garden plants. Pkt. 25c. Plants, each 60c; 3 for \$1.60.

SANCTA-JOHNNIS—ecbx(3)20. St. John's Daisy. A showy border perennial that, sown early, will sometimes give blooms first year from seed. Many, rather large daisy-flowers in a golden tone so rich and deep that it approaches orange. Fine foliage. Pkt. 20c; $\frac{1}{16}$ oz. 85c.

KELWAYI—ecbx(2-3)25. The Hardy Golden Marguerite. The branching, aromatic, fine-leaved plants are loaded with big, golden daisies from July well into autumn. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.25.

NOBILIS—rgkt(2)8. Aromatic fern foliage of soft green in low, ground-spreading ripples. Little white daisies. Useful in rock gardens, but valued particularly as a grass substitute for lawns in difficult places. Called Lawn Chamomile. Rather fine seeds. Pkt. 20c; 3 pkts. for 50c. Plants, little, rooted divisions that will mat-spread rapidly, 20 for \$1.00; 100 for \$4.00; 250 for \$9.00.

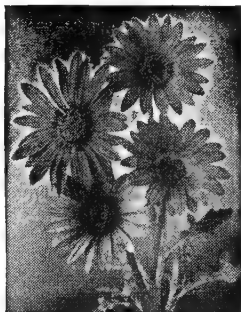
OFFER 23a—One pkt. each of the 4 for 70c.

1 DAINTY RUE ANEMONE

It is *Anemonella thalictroides*, the airy Rue Anemone of woodland edges. Exquisite flowers, snowy white or with faint hint of blush, above Maidenhair Fern foliage. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

5 THE LAZY DAISY

The flowers are purest white above, but pink-suffused in reverse, and the buds are a clear, soft pink. The blossoms are an inch across, tiny yellow centers from which radiate many narrow, overlapping petals in horizontal plane to make the flat, upfacing blooms. Plants are in continuous bloom from June on through September. **APHANOSTEPHUS SKIROBASIS**. It lasts well as a cut flower. eck (2-4)20. Pkt. 20c; $\frac{1}{16}$ oz. 40c.



5 ARCTOTIS or AFRICAN DAISY

Delightful daisies from southern Africa, mostly of largest size, effective for garden decoration or for cutting.

ARCTOTIS BREVISCAPA—erbx(2-4)10. Rich golden orange with dark, violet-toned disk. Pkt. 20c.

ARCTOTIS STOCHADIFOLIA—erx(3)10. A semi-trailer, with claret-colored flowers over silvery foliage. This strain not identical with *A. grandis* of the garden, notwithstanding botanical synonymy. Pkt. 20c.

ARCTOTIS GRANDIS—ecx(3-4)28. Blue-eye Daisy. Big, pearly white flowers with blue centers. Profuse, showy, long in bloom. Quickest and easiest of the African Daisies. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

ARCTOTIS HYBRIDS—ek(3-5)18. Big flowers in somewhat color-reminder of *Gerberia*, soft tones of apricot, lemon, russet bronze, coppery rose, reds of autumn oakleaf, along with others with decorative zonings. Handsome, pinnate foliage, deeply incised, silver sparkling. Sow early, it needs long season and full sun. *Illustrated above*. Pkt. 20c; $\frac{1}{16}$ oz. 60c.

OFFER 27A—One pkt. each of the four for 60c.

2 ARDISIA CRISPA

There is no better pot plant than this for brilliant and long-lasting berry effects. Clusters of vivid red berries remain on the plants in full color and brilliant showiness for several months. Thick and shining evergreen leaves with wavy edges. Plants, each 60c; 3 for \$1.65.

5 THE SILK-VINE

The Silk Vine is a quick climber to be handled as one would Sweet Peas. For months it is filled with sprays of starred salvers, inch-high, inch-wide, petals of a thick, crispy waxiness, creamy white, or at times with faintest of pink suffusions. Flowers have a sweet, light perfume, and they hold well when cut. **ARAUJIA SERICOFERA**. Pkt. 20c; $\frac{1}{16}$ oz. 85c.

1 AQUILEGIA or COLUMBINE

Gay in blossom, and with a graceful airiness beyond that of any other perennial, the Columbines will always be desired. All will tolerate sun, but do well in shade, too. Cultures "x" and "kt."

AQUILEGIA LONG-SPURRED

AVALON—(3)36. Selected for length of spur and extended range of hue and tone. Lemon, copper, orchid, buff, rose, lavender, blue, pink, cream, crimson, in contrasting placements and mellow blendings. *Illustrated opposite*. Pkt. 20c; $\frac{1}{16}$ oz. 45c; $\frac{1}{8}$ oz. 80c; $\frac{1}{4}$ oz. \$1.40. Plants, each 45c; 3 for \$1.25; 10 for \$3.70.



LONG-SPURS BY COLOR—

Several color strains of Long-spurred Hybrid Aquilegias are available. **CRIMSON STAR**—Exceedingly showy. Flowers of velvety crimson, with contrasting white center cups. Pkt. 25c; $\frac{1}{32}$ oz. 45c; $\frac{1}{16}$ oz. 80c. **LONG-SPUR BLUE SELECTIONS**—Varied blues; light blue, mid-blue, indigo. Pkt. 20c; $\frac{1}{16}$ oz. 50c. **ROSE QUEEN**—Selections in tones and shades in the pink and rose range, centers usually suffused white. Pkt. 20c; $\frac{1}{16}$ oz. 50c. **SNOW QUEEN**—Long-spur blossoms in purest white. Pkt. 20c; $\frac{1}{16}$ oz. 50c. **COPPER QUEEN**—Big flowers of coppery red, the center cups soft straw yellow. Pkt. 20c; $\frac{1}{16}$ oz. 60c. **OFFER 25A**—One pkt. each of the 5 Long-spur Selections for 90c.

OTHER DESIRABLE AQUILEGIAS—Here are good ones.

AKITENSIS—(1-2)12. Rare Japanese alpine. Early spring. Flowers soft blue, marked olive, tipped creamy white. Pkt. 25c. Plants, each 75c. **ALPINA**—(2) 20. Sheafs of big, powder-blue flowers. A beauty. Pkt. 20c. **BUERGERIANA**—(2-3)20. From Japanese woodlands. Buff-tawny blossoms, stained chocolate and cream. Pkt. 20c. Plants, each 50c; 3 for \$1.40. **CANADENSIS**—(2)36. Pretty flowers of soft to golden yellow with quite long spurs in the rose to scarlet range. Sun or shade. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. Plants, each 45c; 3 for \$1.25; 10 for \$3.70. **CHRYSANTHA**—(3)36. Long-spurred species with attractive blossoms of pale gold. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. Plants, each 45c; 3 for \$1.25; 10 for \$3.70. **CLEMATIFLORA**—(3)36. Flowers completely spur-less, so that they look like big Clematis blossoms. Usually rich purple, but sometimes varying. Pkt. 20c. **COERULEA**—Long spurs. Varied good blues, usually with white center. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 50c. **ECALCARATA**—(2)10. Rare alpine with airy, spur-less blossoms, coppery apricot to chocolate and claret. A gem. Pkt. 25c. **FLABELLATA NANA**—(1-2)10. Early-blooming Japanese alpine. Dwarf, compact clumps of blue-silvered foliage, with milk-white or lilac-suffused blossoms close above. Attractive, long-lived, hardy. Pkt. 20; $\frac{1}{16}$ oz. 50c.

LONGISSIMA—(2-4)36. Longest spurs in Columbine. Airy and graceful. Blossoms canary yellow, sometimes with roseate shadings. *Illustrated opposite*. Pkt. 25c; 3 pkts. for 70c. Plants, each 60c; 3 for \$1.65. **JONESI**—(2)4. Dainty, stemless alpine with solitary, erect flowers of deep blue-violet. A rare treasure, offered subject to arrival. Pkt. 35c; 3 pkts. for \$1.00. **HELENÆ**—(2-3)24. Showy blue-and-white hybrid with very good spurs. Pkt. 20c. Plants, small, each 50c. **REUTERI**—(2)12. A dwarfier, more compact Alpina in electric blue. Pkt. 20c. **SKINNERI**—(2-3)60. Bell-like blossoms of soft yellow, with rather long, red spurs. Tall and handsome summer bloomer. Pkt. 20c; 3 pkts. for 50. Plants, each 45c. **OFFER 29A**—One pkt. each of the above for \$2.40.



AQUILEGIA FINE DOUBLE MIXED—(3)32. Blossoms are mostly fully double, almost rose-like. Varied tones of pink, red, blue, violet, with white. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

AQUILEGIA OLD ORCHARD BLEND—A general mixture. At least a little of every Columbine we have, whether spurs be short, medium or long. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

KEY LETTERS and numerals explained on page one.

1 ARNICA MONTANA—rebkt (2-3)25. Big, 3-inch flowers of gorgeous golden orange rise on slender stems from rosettes of flannelly foliage. Pkt. 20c; 3 for 50c.

1 ARABIS FOR SPRING DELIGHT

For an April blossom showing, and on into May, one needs the snow of Arabis, purest white or in delightful sunrise tintings, from soft pink to rosy red.

ALPINA—erx(1)6. In early spring come great masses of flowers snowily white, new snow in sunlight. A first requisite of every rock garden, but it will delight in many another position, too. Plant much of it. Good, gray-silver foliage. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 50c.

ALPINA ROSEA—The last with blossoms of soft pink. A delight. Pkt. 20c; 3 pkts. for 50c.

FERDINANDI-COBURGI—erx(2)10. Fine long-lived Arabis making compact rug-mounds of foliage, misty multitudes of little white flowers above in June. Distinctive rock garden perennial of high attractiveness. Plants, each 50c; 3 for \$1.40.

BLEPHAROPHYLLA—erx(1-2)12. Fine rock garden species of quite distinct form. From flat rosettes rise spike-like racemes of little flowers in a rose so deep that it verges on purple. Pkt. 25c; 3 for 70c.

OFFER 26A—One pkt. each of the three so offered for 50c.

ALPINA DOUBLE-FLOWERED—An altogether lovely flower, the blossoms of full doubleness, like little white roses. Blooming season is very long, much longer than that of other forms. Plants only, each 60c.

1 ARENARIA

Charming perennials for the sunny rock garden. The lower kinds are desirable, too, for pavement, wall or terrace plantings, the two taller may be used for edgings.

MONTANA—erdk(2)4. Dense flower pavements, overlapping pure white blossoms over mats of fine foliage. Endures sun and heat. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25.

GRAMINFOLIA—erbdk(2)15. White flowers in close cluster sprays on tall slender stems, over tufts of short, erect, grass-like leaves. Pkt. 20c; 3 pkts. for 50c.

LARICIFOLIA—erk(2)5. A fine-leaved, hardy mat-plant for the rock garden, set in spring with pretty white flowers almost beyond numbering. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c.

CAROLINIANA—rkt(2)6. Evergreen tufts of heather-like foliage spray out into clouds of misty white blossoms. Pretty little species for either full sun or light shade. Does well in dry places. Pkt. 20c; 3 pkts. for 50c.

OFFER 28A—One pkt. each of the four for 70c.

ARENARIA VERNA CAESPITOSA—Dense, flat mats of mossy, green foliage, set in spring with hosts of white stars. Effective in rock garden or dry wall, and particularly for planting between stones of a terrace. Plants, each 45c; 3 for \$1.20; 10 for \$3.50.

ASCLEPIAS or BUTTERFLY FLOWER

1 TUBEROSA—*erbd(2-3)25. An exceedingly showy, long-lived perennial, so quick from seed that it will give a few blossoms the year of sowing. The flowers are usually a brilliant orange, but will vary from soft sulphur yellow to rich near-scarlet. A fine cut flower. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 75c. Plants, each 35c; 3 for \$1.00; 10 for \$2.90.

1 INCARNATA PULCHRA—*ecbmt(3)35. Clustered blossoms in silvery pink. Blooms so quickly from spring sown seed that it may be grown as an annual, yet it is winter-hardy. Pkt. 15c; 1/8 oz. 25c.

* **CURASSAVICA**—The gay Brazilian Butterfly Flower, with clusters of blossoms that range from buff, through gold, to orange scarlet. Even the buds are bright. Usually grown as a quick annual; glorious bloom from June until November. 32 inches. Splendid cut flower. *Illustrated page 5.* Pkt. 15c; 1/8 oz. 25c.

OTHER GOOD ASCLEPIAS SPECIES—Perennial all. **INCARNATA ALBA**—Like Pulchra, but with clear white blossoms. Pkt. 15c. **MEXICANA**—20 inches. Slender foliage and pink-hinting white flowers. Pkt. 15c. **SPECIOSA**—20 inches. Foliage silver-frosted. Flowers near maroon. Pkt. 20c.



ASCLEPIAS
TUBEROSA



GOLDEN
ASPHODEL

2 ASTELIA NERVOSA—w. A decorative New Zealand liliad for pot culture. Densely tufted plants with long, narrow leaves of silvery green, the mid-ribs shaded violet. Panicles of sweetly-scented flowers in olive-green suffused purple, these followed by orange-red berries. Pkt. 35c.

1 GOLDEN ASPHODEL—kt(3)60. Asphodeline lutea, the Golden Asphodel of the ancients. Tall spires of crowded golden stars rise from rosette-tufts of narrow, silvered leafage. Though native to rocky Mediterranean shores, it is of full winter hardiness here. *Illustrated opposite.* Pkt. 20c; 1/8 oz. 40c. Plants, each 50c; 3 for \$1.40.

1 ASPHODELUS RAMOSUS—kt(3)60. Branching racemes of white flowers, each petal with a brown center line. Desirable for the mixed, hardy border. Pkt. 20c; 1/8 oz. 40c.

3 ARISAEMA HIMALAYAN MIXED—kt(3)24. There is a weird attractiveness about the Snake Lilies, called so from their bizarre grotesqueries of color and form. The bloom is a Calla-like spathe, but often oddly twisted, drawn out, or reversely compressed. Colorings may be any dark blendings in purple, violet-shaded green, chocolate, or lightened by creamy splashes. Pkt. 20c; 3 pkts. for 50c.

3 ARISAEMA TRIPHYLLUM—rstmkt(2-8)16. Jack-in-the-Pulpit. Purple-green spathes, chocolate streaked, then jewel-glowing clusters of red berries. Delights in dampish shade. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

5 ARGEMONE GAIETY

The Argemones are easy Annuals, attractive in flower and foliage, in bloom for months. The big poppy-blossoms may be of purest whiteness, or perhaps of creamy primrose, lemon or golden yellow. Others will be pink, smoky rose, even crimson. Sometimes the flowers are double. Leaves often show white marblings. 25 inches. "x" culture. Splendid mixture. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

2 ARISTEA or BLUE-BRILLIANT

More than a hundred years ago it was written of it, "Its profuse sky-blue flowers, the purest that ever fed upon dew, open early in the morning and are gone before night; the next morning bringing a new offering of beauty". The Aristes are semi-hardy perennials, best handled as pot plants north, though they may be plunged, if one wishes, in the summer border. Free-blooming and easy. Handsome when in bloom. "w" culture. We offer a mixture of good species in varied blues. See TREASURE CHEST for separate kinds. Pkt. 25c; 3 pkts. for 70c. Plants, each 50c; 3 for \$1.40.

2 THE CALICO FLOWER

A graceful and decorative climber for window or greenhouse is **ARISTOLOCHIA ELEGANS**, the Calico Flower. Attractive most oddly formed flowers that show patched colorings of purple, white and yellow. Pkt. 25c; 3 pkts. for 70c.

4 ARISTOLOCHIA DURIOR—k. Dutchman's Pipe. Splendid vine for porch shade, with its many big, overlapping leaves. Pipe-shaped flowers of yellow and brown. Full winter hardiness. (A. macrophylla or siphon). 8 seeds for 25c; 40 seeds for \$1.00.

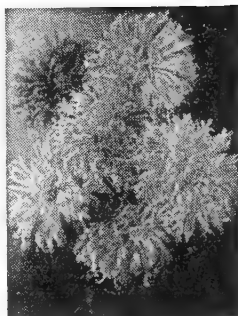
1 ARMERIA

Bright-flowered, long-blooming perennials these, of quite undifficult requirements, desirable for rock garden, border, or the taller for cutting. Nomenclature horticultural, "kt" culture. **CAESPITOSA**—4 inches. Green cushions, set over closely with a loveliness of formal pink blossoming. An exquisite for the rock garden. Pkt. 20c. **FORMOSA CARNEA**—18 inches. Flowers of a soft flesh pink. Long stems. Pkt. 15c; 1/8 oz. 35c. Plants, each 45c; 3 for \$1.20. **ALPINA**—8 inches. Desirable rock garden or edging species with flowers of bright rose. Pkt. 20c; 1/8 oz. 35c. **GIANT HYBRIDS**—25 inches. Giant flowers in deep pink, rose, violet, near-red. Exceedingly showy. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. Plants each 50c; 3 for \$1.40. **GLORY OF HOLLAND**—24 inches. Splendid newer sort with large flowers in pure, glistening pink. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40. **BEE'S RUBY**—20 inches. Blossom heads of rich ruby red. Vividly showy. Pkt. 20c; 3 pkts. for 50c. **OFFER 31A**—One pkt. each of above for 90c.

5 ASTERS ANNUAL

The oldtime name for them was China Aster, but botanically they are *Callistephus*. Desirable annuals of easy culture.

ASTERS BY COLOR—Four good ones. **LOS ANGELES**—Immense flowers of clear pink, petals curled and interlaced. The largest Aster. Pkt. 15c; 1/8 oz. 45c. **SENSATION**—Big, double flowers in intense scarlet. Pkt. 15c; 1/8 oz. 45c. **GIANT BRANCHING AZURE**—Full, double flowers in clear blue-lavender. Pkt. 15c; 1/8 oz. 45c. **PEERLESS YELLOW**. Best of the yellows. Soft, creamy primrose. Pkt. 15c; 1/16 oz. 35c. **OFFER 35A**—One pkt. each of the four for 50c.



ASTER PRINCESS MIXED—They excel in having big blossoms, so cushiony and packed with petals that no center eye ever shows, even in old blooms. Wide color range. Wilt-resistant. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

ASTER CALIFORNIA GIANTS—36 inches. Truly enormous flowers of feathery fullness, petals intercurled in manner of the great show *Chrysanthemums*. Long stems. *Illustrated above*. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.

ASTER RAINBOW SINGLES—30 inches. Most graceful class for cutting. Long slender petals, small centers, good stems, colorings exceedingly varied and vivid. Effect is of big daisies in unusual hues. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 65c.

ASTER AVALON BLEND—All the better double-flowered Annual Asters in an unsurpassed mixture, full color and form range. Particularly desirable for cutting. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 70c.

1 THE HARDY ASTERS

Though called the glory of autumn, these true perennial Asters are not autumn flowers alone, for many of them bloom in summer, and several of the lower rock garden species come in spring. "kt" culture. **ALPINUS**—(2)12. An excellent early Aster, indispensable among the lower kinds, covered with large blue-purple flowers. Pkt. 20c; 1/2 oz. 35c. **AMELLUS HYBRIDS**—Italian Aster. (3)24. Summer-blooming strain, exceedingly floriferous, showing rose tones, with white, in addition to many rich shades of blue. Pkt. 20c; 3 pkts. for 50c. **DIPLOSTEPHOIDES**—ckt(2-3)20. Large, gold-centered flowers of pure lavender are carried on many tall, slender stems. A hardy Himalayan for early summer bloom. Pkt. 25c. **DWARF HYBRIDS**—A group of summer-flowering Asters of involved, hybrid parentage, that make bushy, rounded plants, set closely over all season with bright flowers in pretty much the entire color range of Asters. Pkt. 25c. **FARRERI**—(2-3)20. Shaggy flowers to 3-inch diameters, gold-centered, but with many long petals of blue-lavender. Each blossom is carried on its own slender stem, high above the flat foliage mat. Pkt. 25c. Plants, each 60c. **LINARIIFOLIUS**—(*Ionactis*)—(4-5)15. A vast number of little, gold-centered lavender daisies are carried in rather close, upfacing clusters. Makes big clumps. Full sun. Does well on light, dry soils. Pkt. 20c. **NOVIAE-ANGLIAE**—(5)50. New England Aster. Big many-rayed flowers in blue-violet to deepest purple, in rosy pink to rosy red. Pkt. 15c; 3 pkts. 40c. Plants, each 40c; 3 for \$1.10. **NOVIBELGI HYBRIDS**—(3)30. It rules its season, the latter half of summer, coming before *Noviae-Angliae*, but overlapping a bit with it. Wide, bushy plants filled with flowers that may be white, mauve, lavender, lilac, pink, or rose; single or semidouble. Pkt. 20c; 3 pkts. for 50c. **HIMALAICUS**—(3)16. Desirable dwarf, mountain species with rather large, narrow-petaled flowers of lilac blue. Pkt. 20c. **PTARMICOIDES**—(3)15. Pure white flowers in wide, flat corymbose sprays. Desirable for dry, sunny positions. Pkt. 15c. Plants, each 45c. **SPECTABILIS**—(3-4)24. The showy Aster. Lovely, informal blue flowers of surprising size. Shade-tolerant. A fine species. Pkt. 20c. Plants, each 45c; 3 for \$1.25. **TATARICUS**—(6)72. Latest and tallest of Hardy Asters. Many clusters of soft blue flowers. Pkt. 15c. Plants, each 45c; 3 for \$1.25. **MAUVE CUSHION**—Delightful late bloomer for rock garden or bedding. Cushion-plants, 8 inches high by 18 across, are filled in October with blossoms of silvery mauve. Pkt. 20c. Plants, each 50c.

OFFER 33A—One pkt. each of above for \$2.20.

ASTER HARDY PERENNIAL BLEND—The above, with others. An excellent mixture. Pkt. 15c; 3 pkts. for 40c.

1 OTHER FINE HARDY ASTERS

ALPINUS GOLIATH—10 inches. Excellent low Aster, blooming in late spring. Big flowers in rich blue violet. Rock garden, edging, bedding. Plants, each 50c; 3 for \$1.40.

SUBCOERULEUS STAR OF WARTBURG—9 inches. Another excellent, spring-blooming dwarf. Very large flowers of orange-centered dark blue. Plants, each 55c; 3 for \$1.45.

FRIKARTI—(Wonder of Staefa)—20 inches. Everblooming hybrid from Switzerland, of highest horticultural merit. Big, long-rayed lavender blossoms for many months. An exceedingly showy Aster. Plants, each 60c; 3 for \$1.60; 10 for \$4.75.

BLUE GOWN—50 inches. Autumn. Pyramidal spikes of brightest mid-blue. Plants, each 50c; 3 for \$1.40.

CONSTANCE—10 inches. Late summer. Mounds of lilac pink flowering. Each 50c; 3 for \$1.40.

VICTOR—10 inches. Same dense, cushion habit as last, but flowers all rich blue. Plants 50c; 3 for \$1.40.

VIOLETTA—40 inches. Autumn. Semi-double blossoms of deepest blue-purple. We have seen no better Aster in this rich coloring. Plants, each 55c; 3 for \$1.50; 10 for \$4.50.

CLIMAX—50 inches. Big, pyramidal panicles of sky blue. Autumn. Plants, each 55c; 3 for \$1.50.

HARRINGTON PINK—35 inches. Pure, true pink are the massed, double blossoms. Called the most handsome Aster. Early autumn. Plants, each 60c; 3 for \$1.65.

MOUNT EVEREST—50 inches. The plants are truly like piled, snowy mountains, massed white from bottom to top. Plants, each 55c; 3 for \$1.40.

BEECHWOOD CHALLENGER—45 inches. Rich, red-toned crimson. Floriferous. Plants, each 55c; 3 for \$1.50.

PALMYRA—30 inches. Autumn. Pyramids of semi-double flowers in a fine, bright pink. Plants, each 50c; 3 for \$1.40.

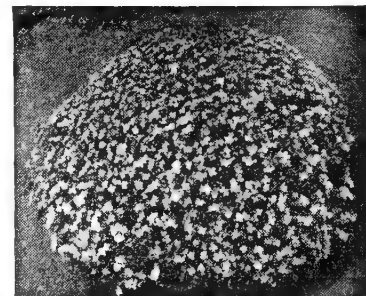
RED ROVER—30 inches. Autumn. A fine Aster, long in bloom, flowers of rosy red with tone of violet. Plants, each 50c; 3 for \$1.40.

OFFER 34AN—One plant each of the above for \$6.25.

1 AUBRIETA or ROCK-PURPLE

AUBRIETA PEERLESS HYBRIDS—erx(2)8. Splendid low perennials for the rock garden, front of border, or massing. Easy to grow and to delight in. Rose, lilac, mauve, purple, violet, crimson in vivid, rich blendings. *Illustrated opposite*. Pkt. 15c; 1/16 oz. 40c.

AUBRIETA LEICHTLINI—Rosy violet, near to crimson. Pkt. 20c; 3 pkts. for 50c.



2 ROCK LILY 1

Pretty lily-cousin from New Zealand, with wide, pendulous foliage and many graceful panicles of white blossoms, these often with faint pink suffusions. A nice cut flower. Needs protection in garden above Philadelphia, but it makes a most pleasing pot plant for window or greenhouse. **ARTHROPODIUM CIRCATUM**. Shade-tolerant. Pkt. 25c; 3 for 70c.

1 ARTEMISIA or SILVERPLUME

Fully hardy perennials of considerable decorative value, notable for silvery, aromatic fern-foliage. **FRIGIDA**—(3)30. Delightful in its soft and silky near-white ferniness. Pkt. 20c. Plants, each 50c. **SILVER KING** (*Albula*)—30 inches. Decorative foliage of frosty silver. Sprays may be dried for winter bouquets. Plants each 45c; 3 for \$1.20; 10 for \$3.75. **STELERIANA**—Dune-silver. Low, undulate spreads of silvery, feathery foliage. It can be decidedly decorative. Supplied as divisions. Each 45c; 3 for \$1.20. **LACTIFLORA**—(4-5)72. Handsome panicles of creamy bloom, richly honey-scented. Valued for cutting, or as a foil in the mixed perennial border. Pkt. 20c; 1/8 oz. 40c. Plants, each 50c; 3 for \$1.40; 10 for \$4.00. **SCHMIDTIANA NANA**—Angel-hair. This rare and charming Japanese alpine makes low mounds of dense moss-fermness, silvery and sun-glinting. An altogether lovely plant that has only to be seen to be desired. Plants, each 70c; 3 for \$2.00. **OFFER 32AN**—One plant each of the five for \$2.35.

4 THE GAY AZALEAS

They are not difficult from seeds sown in early spring or late autumn. Make the sowing in a sandy seed bed, or far better, in a bed, pot or flat filled with a mixture of sand and leaf mold or untreated peat. Shade the seed bed a bit. Line the seedlings out into soil that is on the acid side. If yours isn't already that, you can make it so by treating with aluminum sulphate, or by adding decayed oak leaves, peat, old sawdust or like acid material.

CALENDULACEA—Blossoms that show brilliant, variable colorings. Golden, salmon, orange, orange scarlet. Mixed colors. Called Flame Azalea. Deciduous. Pkt. 20c; 3 pkts. for 50c. **JAPONICA**—Masses of orange scarlet bells. Deciduous. Particularly hardy. Pkt. 20c; 3 for 50c. **KAEMPFERI**—Torch Azalea. Usually bright red, but at times will vary to pink or rose. Semi-evergreen. Pkt. 20c; 3 pkts. for 50c. **MOLLIS**—Early, before the leaves, come bell-blossoms in tones that range from soft yellow, to rosy salmon, and orange. Pkt. 20c; 3 pkts. for 50c. **MUCRONATA** (Ledifolia)—Particularly large flowers of pure white, sweetly fragrant. Evergreen. Pkt. 30c; 3 for 80c. **NUDIFLORA**—The lovely Pinxter-bloom. Usually pure pink, but sometimes blush or white. Pkt. 20c; 3 pkts. for 50c. **OCCIDENTALIS**—The flowers, white, blush or soft pink, carry yellow markings. Always attractive, the foliage turning crimson and golden in autumn. Pkt. 25c. **POUKHANENSIS**—Korean Azalea. A hardy low-grower, carrying rose-pink to purple flowers in vast abundance rather early in spring. Fragrant. Pkt. 35c. **SCHLIPPENBACHI**—Manchurian Azalea. Quite large, sweet-scented flowers of pure pink, with spots of rich brown above. Deciduous, taking on brilliant foliage colorings in autumn. Pkt. 25c; 3 pkts. for 70c. **VASEYI**—Profuse, clustered flowers, pink to rose. Blooms at early age, also very early in spring. Pkt. 20c; 3 pkts. for 50c. **OFFER 36A**—One pkt. each of the above for \$1.70.



AZALEA INDICA HYBRIDS—Large flowers in a wide color range mantle the dwarf, bushy plants. They do splendidly under glass and are usually grown as pot plants. Not garden-hardy in the North. Exceedingly beautiful. Pkt. 35c; 3 pkts. for \$1.00; 10 pkts. for \$2.85.

AZALEA KAEMPFERI HYBRIDS—Newer strain, the result of a series of crosses of the Kurume Azaleas with the Kaempferi Azalea. The Hybrids are rather stronger growers than the Kurumes, and are winter-hardy outside in colder climates. Range of coloring is rich and varied. Pkt. 50c; 3 pkts. for \$1.40.

AZALEA GUMPO HYBRIDS—A truly wonderful group of Hybrid Azaleas of low, spreading habit, just right for the rock garden or for bedding. Height rarely exceeds 8 inches. Plants twiggy, compact, with good foliage. Exceedingly floriferous, the flowers often frilled. Colorings include white, shell pink, lavender, red and the like, along with bordered and striped forms. Pkt. 75c; 3 pkts. (customer limit) for \$2.00.

AZALEA SCABRUM HYBRIDS—The originator of the strain, a plant breeder of noteworthy achievement, considers this to be "the finest garden Azalea in existence", combining flowers as large and beautiful as in the best of the Indicas, with the hardiness and strong constitution of the Kurume group. Immense flowers, reaching sometimes 6½ inch diameters, in varied scarlets, crimsons, salmon pink, rosy pink, purples and the like, together with white. Blooms at same season as the Kurume. Pkt. \$1.00; 3 for \$2.90. (Customer limit.)

AZALEA ARNOLDIANA HYBRIDS—Hybrid strain of unusual winter hardiness, crosses of Azalea Kaempferi with Azalea obtusa. Colorings include many shades and tones of pink and rose, from soft, pale pinks to richest rose cerise, together with mauve, lilac, lavender. Pkt. 50c; 3 pkts. for \$1.40. (Customer limit.)

AZALEA KURUME HYBRIDS—A splendid strain of low Azalea, immensely varied as to color and often with semi-double flowers. Young plants just a few inches high will bloom heavily. Fully winter-hardy at Philadelphia but in very much colder areas will require winter protection. Also much grown as pot plants, and they make beautiful ones. Illustrated above. Seeds from finest named sorts, partly from our own Nursery, partly from a world-famous collection in Japan. Mixed. Pkt. 40c; 3 pkts. for \$1.10; 10 pkts. for \$3.25. (Customer limit.)

AZALEA KURUME PLANTS

We offer well-grown young plants that will run from 5 to 9 inches of height, large enough to give some nice flowers the first year, and masses of them by the second year Suitable for outdoor planting in areas of not too severe winter climate, as at Philadelphia and New York, or will make excellent window or greenhouse plants. Illustrated opposite. Eight varieties available at **UNIFORM PRICE** of each 75c. **PINK PEARL**—Early semi-double soft pink. **HINODEGIRI**—Vivid scarlet. Exceedingly showy. **SNOW**—Pure white. Semi-double. **CORAL BELLS**—Semi-double blossoms of soft coral-rose. **SUN STAR**—Showy deep rose flowers with radiating carmine splashing. **CHARLES ENCKE**—Most attractive salmon-pink blossoms, margined white. **HEXE**—Big flowers in the richest of crimsons. **LAVENDER**—Under this name we may send any one of several excellent sorts in the mauve, lilac, and lavender group, none of them being available in large enough amount to offer separately. Plants of these will be a little smaller than of the other Kurumes. **OFFER 37AN**—One plant each of the 8 Kurumes for \$5.20.

BOOK—AZALEAS: KINDS AND CULTURE—Hume. Descriptions, culture, propagation. Illustrated. New. \$4.00.

3 ARUM ITALICUM—rkt(1)10. The Wake-robin of England. A winter-hardy plant in the Calla relationship with veined and marbled foliage and cream-white flowers. May be grown as a pot plant, or in the garden. Needs plenty of moisture and prefers light shade. Pkt. 20c; 3 pkts. for 50c.

4 ASIMINA TRILOBA—yt. Hardy Pawpaw. Small tree with ornamental foliage and dark red flowers, centered yellow. Fruits like short, thick bananas are filled with a sweet custard pulp, rich and aromatic. Most folks like it. Winter-safe to about Boston. Quite large seeds. ¼ oz. 20c; 1 oz. 60c.

1 ASPERULA ODORATA—Sweet Woodruff. A loveable little rock garden or cover plant, a mat-former, with clustered, dainty white flowers. 6 inches. The dried foliage is long-fragrant. It tolerates light shade. Plants only, each 45c; 3 for \$1.25; 10 for \$3.70.

5 ASPERULA ORIENTALIS—ek(2-3)12. A quick and pretty annual, making mounds of fine-leaved plants that become flower-filled globes of soft blue. Pkt. 15c; ½ oz. 25c.

1 ASPERULA TINCTORIA—ecx(3)25. Long sprays of little, white flowers. Excellent for mixing with other cut flower material in manner of Baby Breath. An enduring perennial. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c.

2 AUCUBA JAPONICA MACULATA—w. An ornamental shrub often grown as a pot plant under glass, but winter-hardy outside to about Washington. Lustrous evergreen leaves are patched and dotted with golden yellow. Sometimes called Gold Dust Plant. Little purple flowers are followed by clusters of brilliant, scarlet berries. Large seeds. 4 for 25c; 18 for \$1.

2 THE ASPARAGUS FERNS

Decorative and easy pot plants are the Asparagus Ferns, though not, of course, truly of the fern family. Culture, "jw."

ASPARAGUS SPRENGERI—Many spreading sprays of fern-like foliage. Bright red berries, usually about Christmas time. Best effect when two or three plants are grown together in a large pot or hanging basket. Does well as a window plant. Sometimes called Emerald Feather. Pkt. 20c.

ASPARAGUS PLUMOSUS NANUS—Foliage finer than that of the last, bright green, dense, almost lacelike in effect. Plant upright, fronds almost horizontal. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40.

1 ASTILBE

Feathery flower-plumes, exquisitely fashioned, in white, cream, many a delightful pink, rose or carmine. Handsome winter-hardy perennial for either garden planting or forcing in pots. "kt" culture. Mixed colors. Pkt. 25c; 3 pkts. for 70c.

ASTILBE PLANTS are available for both spring and fall forwarding of several desirable kinds. **AMERICA**—Fine, airy plumes of soft lilac-pink. Longest in bloom of our Astilbes. Plants, each 60c. **GRANAT**—Pomegranate crimson with salmon reflections. Extraordinarily good. Each 65c; 3 for \$1.80. **PINK PEARL**—Spreading plume-panicles of softest pink. Each 60c. **FANAL**—Brilliant garnet plumes over bronzed foliage. Each 70c. **PEACH BLOSSOM**—Plumes of vivid pink, dense and feathery. Each 65c. **AVALANCHE**—Big, airy, fluffy spikes of pure white. Each 65c. **OFFER 30AN**—One plant each of the six for \$3.35.

5 BELLIS PERENNIS FINE MIXED—arkt(1-2)6. English Daisy. Desired for spring bedding, edgings, porch boxes. Double, large-flowered, in mixture of rose, red and white. Pkt. 15c; 3 pkts. for 40c.

5 BELLS OF IRELAND—edx(3-4)30. It is that odd Syrian beauty, *Molucella laevis*, called so because that name so descriptively suggests itself to those who see it. The several branching stems are closely set with big bell-calices of pale, translucent green. Within each calyx lies a curiously formed little white flower. *Illustrated opposite*. *Molucella* cuts well as a fresh flower, also the spikes may be dried for winter decoration as a straw-flower. Pkt. 25c.



DWARF BAMBOO—The Bamboos are technically giant grasses with woody stems, but they may be considered rather as decorative shrubs. Some few of the Bamboos have a considerable degree of winter hardiness. The Dwarf Bamboo offered here, (we have lost the botanical name), has been grown without any winter protection at all at our Old Orchard Nursery for at least ten years. It is an attractive species, spreading slowly from the roots to form clumps. The many unbranched stems, to 3 or 4 feet of height, are slender, almost whip-like. Each stem ends in a fan of leaves. Plants, root divisions, each 90c; 3 for \$2.60.

5 BALSAM APPLE AND PEAR—ek(9)100. *Momordica*, a decorative annual vine with yellow flowers and odd pear or apple-shaped fruits that split to show interesting red seeds that appear as though carved in odd oriental designs. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c.

5 ORNAMENTAL BEET—eix(9)10. In Europe certain special strains of Beet are grown purely for decorative use of the brilliant red and crimson foliage in edgings and color bedding. We offer a fine English strain, the **CRIMSON WILLOW-LEAF BEET**. Pkt. 15c; 1/4 oz. 25c.

3 ORNAMENTAL BANANA 2

The true Banana (*Musa*) may be used effectively for exotic, decorative foliage displays out of doors in the North. At Old Orchard we have had them reach full ten feet of height in a summer, great sweeps of arching, swaying leaf-fans. In late autumn the plant may be dug, cut off a few inches above the ground, and the enlarged root or "bulb" packed upright in sand and kept in a frost-proof, dry place until spring. Easy from seeds, "w" culture. Botanically Bananas are *Musa* species. We expect to have seeds of three kinds, offered subject to arrival. **MUSA ENSETE**—Abyssinian Banana. Tallest and most rapid growing. Spectacular for outdoor summer effects. Seeds, 4 for 25c; 18 for \$1.00. **MUSA NANA**—Chinese Dwarf Banana. Best for pot culture. Wide green leaves, red-spotted when young. Odd flowers. Seeds, 4 for 25c. **MUSA VELUTINA**—Velvet Banana. Wide leaves. Velvety yellow flowers. Semi-dwarf. 4 seeds for 25c; 18 for \$1.00. **PLEASE NOTE**. If we do not have the particular Banana that you order in stock at the time, we shall send one of the others instead, unless given contrary instruction. The kinds are of equal decorative value.



3 DAINTY BABIANA

Bright-hued South African bulb-flowers that usually bloom within a year from seed-sowing. Desirable for winter-flowering in pots. If grown in garden must be well-protected in autumn. *Illustrated opposite*. Mixed colors, indigo, violet, mauve, cream, pink, intense blue with other varied tones and shadings. Pkt. 20c; 1/8 oz. 40c.

5 SUNLIGHT FLOWER

It is **BAILEYA MULTIRADIATA**, a free-blooming and beautiful Annual with blossoms that are living embodiment of warm, sunshine gold. The long-stemmed flowers, carried over silvery foliage, have double ruffles of glossy yellow petalage around golden center cushions. Sow it early and give it full sun, then you will have bloom from May to November. It cuts. 18 inches. Pkt. 20c; 1/32 oz. 40c.

5 BALSAM (Annual Impatiens)

Our **BALSAM AVALON BLEND** will give oriental effects in color massing, a glory of double blossoming in pure pink, rose, salmon, vivid red, lilac, lavender, with white, pure or suffused. An easy, showy, long-bright Annual for any sunny place. 30 inches. Ever-blooming. Pkt. 10c; 1/4 oz. 35c.

1 BETONICA OFFICINALIS—ebx(3)28. Dense spikes of rich purple or soft, rosy pink top the many tall stems. A showy, fully hardy perennial. Seeds, mixed. Pkt. 15c; 1/16 oz. 25c. Plants, mixed colors, each 45c; 3 for \$1.25; 10 for \$3.70.

1 BETONICA GRANDIFLORA—Handsome flowers of deep blue-violet, largest in *Betonica*, are carried in loose sprays. 18 inches. One of the better perennials. Botanically *Stachys*. Plants, each 75c.

2 BEGONIA

2 BEGONIA EVERBLOOMING BLEND—w. It may be kept in bloom as a pot plant pretty much the year through. Blossoms will be white, pale pink, rose, scarlet or crimson, the foliage sometimes bronzed or red-tinted. A wonderful pot plant. Desirable, too, for porch box or bedding. *Illustrated below*. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

EVERBLOOMING BEGONIA PLANTS—Usually available year around. They make fine, free-blooming house plants. These three have single flowers. **INDIAN**

MAID—Over rich and lustrous mahogany foliage come bright flowers of salmon-toned scarlet. Each 45c; 3 for \$1.25. **BALL WHITE**—Purest white blossoms. Dwarf, compact, profuse. Each 45c; 3 for \$1.25. **ADELINE**—Never out of bloom. Multitudes of pure pink flowers over compact, green foliage. Each 45c; 3 for \$1.25. **OFFER 42AN**—One plant each of the three for \$1.20.



THE DELIGHTFUL DOUBLE BEGONIAS—They keep in pretty much, continuous bloom. Note that the Double Begonias are supplied in smaller plants than with the other kinds, plants 3 inches and up of height, that will have already begun to flower, and will now grow rapidly. **WEST-PORT BEAUTY**—The flowers are intensely double balls in the purest of deep pinks. Each 70c; 3 for \$1.95. **GENEVA WHITE**—Like last in habit and form, but here the flowers show as little white snowballs. Each 70c; 3 for \$1.95. **GENEVA SCARLET BEAUTY**—This splendid ever-blooming sort carries densely double blossoms in most vivid red with sheen of scarlet. Each 70c; 3 for \$1.95. **OFFER 43AN**—One plant each of the three for \$1.95.

BEGONIA CORALLINA DE LUCERNE—A graceful, taller species. The large leaves are red below, deep green above, but all spotted and tipped with silver. Then there are big and handsome pendant clusters of coral-red blossoms that age to pink. Each 70c; 3 for \$1.95.

BEGONIA FEASTI—Handsome, crispy, glossy leaves, red-tinted. Pale pink flowers. Beef-steak Begonia. Each 85c.

THE HELIX BEGONIA—Big, shining, rose-tinged leaves, delightfully curled into a helix or spiral at the base. Young foliage like polished bronze. Pink flowers. A beauty. A variety of *B. erythrophylla*. Each \$1.00.

THE REX BEGONIAS—A beautiful and interesting group, grown for the delightfully decorative foliage, graceful in form, ornamental in its wide range of rich and varied color applications. Flowers usually pale pink, and pretty enough, but the plants are really grown for the superb foliage. Plants, each 90c, or we will send three, each different, for \$2.55.

BEGONIA REX SUPERB BLEND—Seeds saved from finest named sorts and hybrid seedlings. Pkt. \$1.00.

BEGONIA REX GROUP MIXED—Seeds saved in India, mostly from species Begonias in the general Rex complex. Should give interesting results. Pkt. 35c.

BEGONIA EVANSIANA—This is the winter-hardy Begonia, surviving most northern winters if given protection of straw or leaves. Pure pink flowers carried above the leaves. Green foliage, red-netted below. *Evansiana* makes a good pot plant, too. Seeds, pkt. 20c; 3 pkts. for 50c.

3 BEGONIA TUBEROUS DOUBLE MIXED—Flowers of great size in gorgeous color range, and that includes orange, pink, rose, salmon, scarlet, white and yellow. Blossoms mostly fully double, camellia-like. This group makes splendid pot plants for spring and summer bloom, particularly effective on a porch or in an east window. Also may be used to advantage for outside bedding in a shady place if kept well watered. Seeds, pkt. 85c; 3 pkts. for \$2.40. Tubers, superb colorings in mixture, available February into May, each 35c; 3 for 95c; 10 for \$2.90; 25 for \$6.25. After May 15th started tubers in pots are also usually available at each 40c; 3 for \$1.10; 10 for \$3.40.

RARE BEGONIA SPECIES—We receive from time to time small lots of seeds of the rarer Begonia species, these coming from specialist growers or botanical collectors in various parts of the world. Among those likely to be available are Begonias Andersoni, armena, bhotensis, cathayana, Cathcarti, coccinea, Dregei, ferruginea, foliosa, gigantea, Josephi, laciniata, megaptera, picta, urticaefolia, Wallichiana and the like. Seeds of the rarer Begonia species are offered separately in our **TREASURE CHEST OFFER**, sent on request. We also offer seeds of species (botanical) Begonias in a general mixture. Contained will be seeds of at least ten species, and if more species are available at the time, seeds of more of them will be in the blend, unusual and beautiful Begonia diversities from the Orient, from Central America, from Andean highlands of South America. Try this for delightful surprise. Order as **BEGONIA SPECIES BLEND**. Price is per pkt. 40c; 3 pkts. for \$1.10; 10 pkts. for \$3.25.

BOOKS—BEGONIAS AND HOW TO GROW THEM—Buxton. Describes some 200 kinds, with culture. Illustrated. \$2.75. **BEGONIAS FOR AMERICAN HOMES AND GARDENS**—Kraus. Comprehensive. 254 pages. Illustrated. \$4.00.

2 BELOPERONE GUTTATA—*ex(8)15. Shrimp Plant or Dwarf Chuperosa. Little lilac-tinted white flowers peer from showy red-brown bracts, these closely imbricated in gracefully drooping form. Makes an interesting pot plant for window or greenhouse. Plants, each 40c; 3 for \$1.10.



1 BOLTONIA LATISQUAMA—*ebx(4)60. Airy, starry "Aster" blossoms, bluish white to pale pink, for some two months in late summer. One of the easier and better border perennials. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 40c; 3 for \$1.10; 10 for \$3.20.

3 BESSERA ELEGANS—Lady's Eardrop. A garden-easy bulb of considerable charm. Intricately formed blossoms of bright coral with orange suffusions, striped creamy within, and with blue anthers, are carried in nodding, swaying umbels on slender 20-inch stems. It cuts. *Illustrated opposite*. Give bulbs Gladiolus handling throughout, save that a covering of dry sand is advisable while they are in winter storage. Bulbs, spring delivery, each 40c; 3 for \$1.10; 10 for \$3.10.

1 BAPTISIA FOR BEAUTY

The Baptisias are fully hardy, long-lived perennials of much real beauty. They are, most of them, rather easy to grow, thriving in full sun, though tolerating some light shade. Few perennials show greater variety in form and coloring than do the Baptisia species among themselves. Culture "kt." **AUS-TRALIS**—40 inches. Leafy, branching plants, crowded with big and showy spray-spikes of flowers in rich, deep, indigo blue. Splendid in the border, or as a cut flower. Closely spaced plants make a very satisfactory, quick-growing herbaceous hedge. Altogether, it is one of the more useful and desirable perennials. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{4}$ oz. 40c. Plants, each 50c; 3 for \$1.40. **BRACTEATA**—14 inches. Lovely, creamy yellow flowers in enormous, wide tapered clusters, Wisteria fashion. The great clusters bow over until their tips touch the ground. A beauty for rock garden or border. Blooms May and early June. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 55c. **OLD ORCHARD HYBRID**—35 inches. A chance form found in our Nursery, apparently a natural hybrid. General effect is that of Australis, although plants are a trifle lower and rather more compact. The flowers, carried in long, heavy racemes, are of an odd, tawny violet, with hints of buff and of coppery rose, but at times near yellows or near blues will appear. Rather new, and decidedly good. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00. Plants, mixed only, each 55c; 3 for \$1.50. **VILLOSA**—20 inches. Handsome species with, typically, flower trusses of rich golden yellow, but color sometimes varies. Pkt. 20c; 3 pkts. for 50c. **OFFER 38A**—One pkt. each of the four for 70c. **BAPTISTA BLEND**—All the above, with others. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 55c; $\frac{1}{4}$ oz. 85c.

ANNUAL PUZZLE GARDEN

A blend of flowers that will bloom first year. Many rare and unique kinds are included, along with those of general standard interest. Even the longest order needs this, too, for the Puzzle Garden is pretty sure to include some things that you would not otherwise have. Not less than $\frac{1}{8}$ oz. sold. $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

1 BOCCONIA—x. The Plume Poppies are striking, tall perennials with decorative, oddly shaped foliage. **CORDATA**—70 inches. Sprays of feathery, chamois-toned flowers, followed by tan-colored seed plumes. Whole plant effect is ornamental. Full hardiness. Botanically a Macleaya. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. Plants, each 45c; 3 for \$1.20. **FRUTESCENS**—70 inches. A handsome plant with big, sea-green pinnatifid leaves, and panicles of feathery, pale green flowers. Will need winter protection in cold areas. Pkt. 25c.

2 BLANDFORDIA NOBILIS—w. The Christmas Bell of Australia. The flowers are pendant, crimson bells, the petals tipped yellow. The blossoms are carried in rather dense racemes on 20 to 24 inch stems. A desirable plant for pot culture in window or greenhouse. 7 seeds for 25c.

1 THE BLACKBERRY LILY



It is **BELAMCANDA CHINENSIS**, a desirable, enduring perennial for sun or shade. From "iris" foliage, slender stems rise to four feet, carrying pretty orange-and-crimson blossoms, see *illustration opposite*. Then come glossy "blackberry" seed clusters that may be dried for winter bouquets. Pkt. 20c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

BELAMCANDA AVALON HYBRIDS—It is Belamcanda flabellata crossed on B. chinensis. Colorings range from softest yellow, through golden (often without perceptible dotting), to clear orange with crimson spots and to roseate orange with red dottings. Some of the seedlings will be low, dwarf, compact, less than a foot high, while others may reach to four feet of open branchings. Pkt. 25c; 3 pkts. for 70c; $\frac{1}{8}$ oz. \$1.00.

2 BILLBERGIA

These easily grown Bromeliads make distinctive, and beautiful house plants. They like plenty of moisture while they are in active growth, and will thrive in an east or north window, but, at least in the winter, full sun will not harm them.

2 BILLBERGIA NUTANS—Delightful pot plant, *illustrated opposite*. Pretty, pendant blossoms in tricolor effect, the bracts bright red, the petals green, edged with vivid blue. Plants, each 50c; 3 for \$1.40.

BILLBERGIA RUBRO-CYANEA—Unusual hybrid with colorful foliage, marbled bronzy red and cream over green. Flowers of deep blue, petals narrowly green-edged, the bracts a rich crimson. Plants, each \$1.25.



3 AN EASIER ORCHID

It is **BLETILLA HYACINTHINA**, easiest of hardy Orchids, and one of the lovelier of them. It may be grown from seeds without need of too great skill, but patience and attention to detail are required. Directions in cultural leaflet sent with all seeds. Three-year seedlings often bloom. Bletilla is an attractive Orchid with fairly large blossoms of amethystine purple, or of white. Winter-hardy outside at Philadelphia, or it will force nicely, grown in pots in window or greenhouse. Seeds, purple and white mixed (mostly purple). Pkt. 35c; 3 for \$1.00. Can also supply bulbs, either spring or fall, of the handsome, purple Bletilla at each 80c; 3 for \$2.25.

3 BRODIAEAS FOR DELIGHT



We like their slender grace, their soft colorings and amazing diversities. Sometimes the blossoms, stars to trumpets, are carried in loose umbels, but again they may be gathered in tight, capitate clusters. There will be suffused white, lavender, lilac, mauve, purple, with others in rosy pink or in salmon-toned yellow. Of about same winter hardiness as the Tulip. *Illustrated opposite*. 12 to 20 inches. "kt" culture. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

2 BOMAREA 3

Beautiful Alstroemeria cousins of twining habit, best handled as pot plants. Big clusters of pendant bells in gay, varied colorings. Mixed species. Pkt. 25c; 3 for 70c.

2 BOUGAINVILLEA HYBRIDS—w. These showy, semi-tropical plants used in California and Florida with such effective beauty as porch, pergola or trellis vines, make also splendid pot plants for the north. By pinching back, they may be kept readily in bushy, pot plant form, blooming then profusely, big sprays of "flowers" in shades of mauve, rose, red, and purple. Seeds come in at intervals, and orders will be held until seeds are available, then filled in rotation, unless we have other instructions. 8 seeds for 50c. Can also supply young pot plants of **BOUGAINVILLEA CRIMSON LAKE**, a rich color, at each \$1.10; 3 for \$3.00.

2 BOUVARDIA TERNIFOLIA—w. Handsome pot plant. Clustered, waxy flowers of brilliant scarlet, tubes that expand to stars. 10 seeds for 25c; 100 seeds for \$1.75.

2 FRAGRANT BORONIA



Australian plants desirable for pot culture, both for beauty and for fragrance. Sow in heat. Slow, but rather sure germinators.

BORONIA MEGASTIGMA—Called "the world's sweetest flower" from delightful and pervasive perfume. Bell-shaped blossoms, rich brown-maroon outside, yellow within, make a pleasant showing for some three months. *Illustrated opposite*. Pkt. 25c; 3 pkts. for 70c.

BORONIA SERRULATA—The pretty flowers of soft rose carry a sweet, delicate fragrance. Pkt. 25c.

BORONIA HETEROPHYLLA—Long-lasting carmine flowers, faintly fragrant. Showiest species. Pkt. 25c.

4 BUDDLEIA or BUTTERFLY BUSH 1

Flowers of soft blue, lavender, rose-violet, glowing wine purple, sometimes in pink, and one or two species even of orange, carried in dense racemes over a period of many weeks. At Philadelphia, most of the Buddleias are winter-hardy shrubs. In colder climates they may behave as herbaceous perennials, new stems arising each season. Since they bloom on the new growth, this doesn't lessen the number of flowers. Buddleias grow with ease from seed, usually giving a truss or two of bloom first year from early sowings. *Illustrated opposite*. We offer a mixture in full color range. Order as **BUDDLEIA SPECIAL BLEND**. Pkt. 20c; 1/16 oz. 40c; 1/8 oz. 75c.



BUDDLEIA SPECIES AND HYBRIDS—

All here are hardy unless otherwise stated. **ALTERNIFOLIA**—Garland Buddleia. The flowers are carried in dense clusters all along the slender branchings, giving garland effect. The blossoms are deep lilac-lavender. Plants, each 70c; 3 for \$1.85. **PINK CHARMING**—Near to pure pink are the dense, slender spikes. Plants, each 70c; 3 for \$1.85. **AVALON BLUE**—Flowers of blue-lavender, appearing close to skyblue in certain lights. Big, close, full spikes, not tapering. Plants, each 85c. **AVALON WHITE SPIRES**—Snowy white are the many long, tapering spire-spikes. A constant bloomer. Plants, each 85c; 3 for \$2.35. **ILE DE FRANCE**—Heavy, tapered spikes of rich and glowing claret purple. Plants, each 70c; 3 for \$1.85. **GLOBOSA**—Chilean Buddleia. Globe-clusters of golden orange. Usually grown North as a pot plant, but root-hardy outside at Philadelphia. Pkt. 20c. **FALLOWIANA**—Many short, thick spikes of pleasing lavender. Long bloomer. Pkt. 20c. **COLVILLEI**—This rather tender species has been called handsomest of Buddleias. The flowers come in varying crimsons. Pkt. 20c. **ASIATICA**—Fragrant panicles of pure white. Not hardy; for pot culture under glass. Good cut flower. Pkt. 20c. **OFFER 44A**—One pkt. each of the four offered in seed form, for 70c. **OFFER 45AN**—One plant each of the five so offered for \$3.35.

5 THE BUTTER-DAISY

All of a shining, glistening butter-yellow are the wide, ragged, over-lapping petals of the Butter Daisy, these circling small, fluffy yellow centers. It grows to 40 inches, and it is full of bloom, June until into November. A splendid cut flower. *Illustrated page 5*. It is **VERBESINA ENCELOIDES**. An easy and quick annual flower. Pkt. 10c; 1/8 oz. 20c.

5 BRACHYCOME MIXED—erx(3)10. This easy Australian daisy reminds of Cineraria in the compact inflorescence and in the brilliance of its colorings. Called Swan River Daisy. In bloom for months. Desirable for edging, bedding, pot culture or as rock garden filler. Pkt. 10c; 1/4 oz. 40c.

5 BROWALLIA ELATA—ebx(8)25. Amethyst-flower. Blossoms of bright indigo, or rarely of white, over many summer and autumn months. One of the easier, more attractive Annuals. Pkt. 15c; 1/8 oz. 30c.

5 BROWALLIA VISCOSA SAPPHIRE—erx(3)5)10. Flowers of deep sapphire blue. Plants rounded, compact. Profuse long-bloomer for garden planting or pot culture. Pkt. 25c.

CACTUS FLOWERS

Lovely blossoms are here, along with bizarre, decorative foliage forms. The flowers may be lemon, golden, cinnabar, pure red, purple, rose, pink, or in pastel tones, and in few plants are they more showy. Though mostly grown as pot plants, it will be noted that some of the kinds, with slight protection, will winter in northern gardens.



EPIPHYLLUM PEERLESS HYBRIDS—w. Phyllocactus. Certainly the freest flowering of any Cactus group, and perhaps the showiest in blossom of any flowering house plant whatsoever, the Epiphyllums should be more known. *Illustrated opposite*. Magnificent blossoms in cream, pink, orange, scarlet, lavender and purple. 10 seeds for 25c; 50 seeds for \$1.00.

EPIPHYLLUM PLANT CUTTINGS—We offer good, unrooted cuttings at 3, each different in flower color, for \$1.15; or we will send six, each one different, for \$2.10. No choice of color, but all will be good. Plant in sand or sandy potting soil and give no water until roots begin to form.

EMPRESS CACTUS—An exceedingly floriferous and beautiful sort in the Epiphyllum relationship. Well-grown plants bear hundreds of lovely blossoms in bright pink. Many graceful, arching stems. Prefers some shade, so an east window or like condition would seem indicated. Nice young plants, not quite large enough to bloom (but soon), at each \$1.00. Botanically this is *Nopalxochia phyllanthoides*.

NYCTOCEREUS SERPENTINUS—Showy fragrant flowers, three inches across, blush-suffused white within, rose-shaded without, are carried on cylindrical, bright green stems that ramble, twine and climb. Best put a stake or miniature trellis in the pot. Makes a showy and distinctive plant when well grown and in bloom. Each 60c; 3 for \$1.60.

EASTER LILY CACTUS—*Echinopsis Hybrids*. Grown for the beautiful flowers, big, bright blossoms in pink, white, and shades of rose. The diameter of the flower is often as great as that of the plant itself. *Illustrated opposite*. The plants are ridged, spine-set semi-globes. Mixed colors. Pkt. 20c. Plants, each 50c; 3 for \$1.40.

OFFER 46AN—Flowering Cactus Collection. One plant each of Empress Cactus, of Nyctocereus and of Easter Lily Cactus, together with three cuttings, each different, of Epiphyllum, six in all, for \$2.90.

CACTUS ORNAMENTAL BLEND—A widely inclusive blend of seeds of the better ornamental Cacti, intended primarily for pot culture. Weird and curious stem formations, with richly hued, feathery flowers, often followed by jewel-like fruits. A wonderfully diverse mixture that includes selected species from most of the sections of the Cactus group. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00; 25 pkts. for \$4.25.

SEEDS OF CACTUS SPECIES—Many kinds offered in the **TREASURE CHEST**. Ask for it.

OPUNTIA MACRORHIZA—A fully winter-hardy species, fine rock garden or border perennial. Branching, piled, thick green pads. Large and showy flowers of creamy yellow, stained coppery crimson at petal base. Pkt. 20c. Also available as divisions or pad cuttings that will quickly root, each 45c; 3 for \$1.20.

OPUNTIA COMPRESSA—A pretty, fully winter-hardy cactus that is practically spineless. Tangles of glossy green pads. Attractive flowers of bright lemon yellow. Exceedingly free-blooming. Divisions or pad cuttings, each 45c; 3 for \$1.20.



1 BUPTHALMUM SPECIOSUM—bkt(3)40. Showy border perennial, particularly for mass effects. Think of it as a large-flowered, golden Erigeron. Pkt. 20c.

2 BRYOPHYLLUM PINNATUM—Air-pl. ant. Thick, oval, crenate-margined leaves. Orange-red flowers shaped like oriental bells. Detached leaves will start young plants from their edges if laid on damp sand. Plants, each 40c.

3 THE CALLA LILIES

Wonderful as pot plants or they may be grown as summer garden flowers. **ZANTEDESCHIA**.

PINK CALLA—Z. Rehmanni. w. From palest blush, through pink, to rich rose, or rarely white. Dwarf, compact, floriferous. Needs less water than do other Callas. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. Tubers, available September to June, each 60c; 3 for \$1.65; 10 for \$5.00.

CALLA ALBO-MACULATA—Flower-spathes of creamy white with hint of purple within. Rather decorative, white-spotted leaves of arrow shape. A species of much merit that does very well under ordinary garden conditions, or it will make a wonderfully effective showing in stream or pool-side plantings. Seeds grow readily. Pkt. 20c; 1/4 oz. 40c; 1/4 oz. 75c. Tubers, 3 for 70c; 10 for \$1.90; 25 for \$4.25.

GOLDEN CALLA—Z. Elliottiana. A superb beauty, with its large flowers of glossy golden coloring, the blossoms lustrous, wax-crisp. White-spotted foliage. *Illustrated opposite*. Seeds, Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. Tubers, October to June, each 45c; 3 for \$1.20; 10 for \$3.50.

THE BLACK CALLA—Arum. Within, the spathes are black-maroon, but outside, olive. Valued for either pot culture or the summer garden. Seeds, 6 for 25c. Tubers, September into early winter, each 65c; 2 for \$1.25.

WHITE CALLA—Z. aethiopica. Fine pot plant, or can be grown in the garden. Fragrant "Lilies" of purest waxen whiteness. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50. Tubers, spring or autumn, each 40c; 3 for \$1.10; 10 for \$3.25.

OFFER 47A—One pkt. each of the 5 Callas for 95c.

5 PAINT-BRUSH FLOWER

* The blossoms of **CACALIA** are tufted fluffy tassels that seem to have been dipped in paints of vivid red or of golden orange. A gay and easy annual, in bloom for months. Botanically *Emilia sagittata*. Ecx(8)25. Pkt. 15c; 3 for 40c.

3 CALADIUM FANCY-LEAF

Rose, crimson, bronze-purple, translucent cream, vivid emerald, all zoned, splashed and margined are the Calla-like leaves, as bright and showy as any blossom could be. A colorful pot plant or tubers may be planted outside in spring for effective summer bedding. Tubers, spring delivery, fine mixture, each 35c; 3 for 95c; 10 for \$2.90.

5 CALENDULA or SCOTTISH MARIGOLD

Splendid cut flowers are the Scottish Marigolds (*Calendulas*), and decorative, too, as they grow in the summer garden. Of easiest handling, and long in bloom. We offer selections from the best of many sorts, in brightest yellow, old gold, orange with scarlet sheen, tangerine, apricot, cream-primrose; from even, formal fullness, through shaggy and quilled arrangements to *Chrysanthemum* interlacings and crestring. One blend, just the best. Order as **CALENDULA AVALON SPECIAL**. Pkt. 10c; 1/2 oz. 30c; 1 oz. 50c.

BOOK—PLANNING AND PLANTING YOUR HOME GROUNDS—Van de Boe. The answer book of landscape planning. 273 pages. Illustrated. \$2.95.

1 CALIFORNIA ROSE—Not a rose at all, but rather rose-like in its flower, this pretty trailer will carpet a bank, edge a drive, or revel in any odd corner space. Lovely double flowers in the purest of pinks appear all summer long. See *illustration opposite*. Winter-hardy. Botanically *Calystegia pubescens* fl. pl. Supplied as sections of root, all that one needs to plant. Each 45c.



5 CALANDRINIA GRANDIFLORA—ex(2-5)30. A Chilean beauty. Each blossom is a 2-inch width of gorgeous rose-purple, many of them coming on the tall stems for months on end. Rosettes of succulent foliage. Full sun. Pkt. 20c.

5 CALANDRINIA MENZIESI—(Speciosa)—ex(2-3)9. Showy Annual for a sunny position, flowering profusely for some three months, blossoms of ruby crimson. It makes a splendid rock garden filler, or it may be used as an edger. Pkt. 20c.

1 CALANDRINIA UMBELLATA—*erdk (8)3. Mats of flaming purple blossoming for months on end. Likes hot, dry position. Perennial with care, or may be grown as an Annual. A beauty from Peru. Pkt. 20c; 1/16 oz. 50c.

CALLIRHOE INVOLUCRATA—*ergck (3-4)8. Buffalo Rose. Two months of glowing wine-crimson cups. Drought and sun but seem to make this hardy, drought-resistant trailer flame more fiercely, a fire of gorgeous, blinding blossoming. Rugs four feet across spread from center root-tubers. Rock garden, bedding, banks or as a carpeter. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 50c. Plants, spring or fall, each 45c; 3 for \$1.25; 10 for \$3.60; 25 for \$8.00.



2 CALCEOLARIA PEERLESS HYBRIDS—w. The big purse shaped blossoms are carried in a long, profuse freedom that makes *Calceolaria* notable among pot plants. Brilliant colorings, from lemon, through gold and brown, to copper and crimson, often splashed and tigered contrastingly. Usually grown as a window or conservatory plant, but can be used for summer bedding. Pkt. 50c; 3 pkts. for \$1.40.

2 CALCEOLARIA ANDEAN SPECIES—w. The Andean highlands of Colombia, Ecuador and Peru are rich in rare and beautiful *Calceolaria* species. We offer seeds of species *Calceolarias* collected in that area, being mostly of tender kinds suitable for pot culture. Mixture only. Pkt. 40c.

5 CALLIOPSIS—x. Sow much of it for easy, long showiness. It cuts. **CALLIOPSIS PEERLESS BLEND**—28 inches. Mixed colors that include varied rich yellows, zoned or splashed mahogany red, with others all velvety crimson. Pkt. 10c; 1/4 oz. 25c. **CALLIOPSIS DWARF MIXED**—10 inches. Mixed low kind of edging or bedding. Full color range. Pkt. 10c. 1/4 oz. 30c. **CALLIOPSIS DOUBLE MIXED**—30 inches. Double blossoms in rich and striking color combinations in the yellow, orange, brown and maroon range. Pkt. 15c; 1/4 oz. 35c.

1 CALLUNA or HEATHER

The true **HEATHER** of story and song, *Calluna vulgaris*, is a fully hardy plant with fine, evergreen, always attractive, foliage and multitudes of pretty little flower-bells in white, pink or purple. Give sun and good drainage and it will thrive alike on good garden soils or in sandy, stony places. A variable species, and may show interesting new forms. "kt" culture. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 60c. (For the closely related *Heaths*, see **ERICA**).

COPPERY HEATHER—14 inches. *Calluna*. Gracefully irregular mounds of feathery foliage, light green in summer, but as autumn cools the sprays become gold-tipped, then bronzed copper, and finally all is a rich coppery maroon, remaining so until spring when soft green resumes. Profuse summer flowers of rosy pink. Plants, each 75c; 3 for \$2.00; 10 for \$6.00; 25 for \$13.75.

DWARF WHITE HEATHER—10 inches. *Calluna*. Dense, cushiony plants, deep green year around, are set in summer with hosts of snow white flower-bells. Each 65c; 3 for \$1.80; 10 for \$5.30.

DWARF PURPLE HEATHER—10 inches. *Calluna*. Rich green foliage all year. Compact grower. Pretty blossoms of rosy purple. Plants, each 65c; 3 for \$1.80.

HAMMONDI ALBA—20 inches. *Calluna*. Fine foliage, always emerald green. Irregular, fountain-like form. Pretty little white flowers. Called "Lucky Heather." Each 70c; 3 for \$1.90; 10 for \$5.70.

OFFER 48AN—One plant each of the four for \$2.50; 3 each of the 4 (12 plants) for \$7.00.

3 CALOCHORTUS

Called **Butterfly Tulip** or **Mariposa**. Blossoms to five inch diameter, rarely less than two, in rainbow hue, often banded, blotched or embossed in contrasting color tones. They vary much in form of flower, downy stars, fairy lanterns, then the great *Mariposas* or blossom-butterflies. Pink, rose, lavender, cream, citron, orange, yellow will appear. "yt" culture. *Illustrated page 18*. Pkt. 20c; 1/16 oz. 40c.

1 CAMPANULA or BELL-FLOWER

Few perennials are easier than Campanula, and quite surely there are none more wholly desirable. Easy "x" culture.

ABIETINA—10 inches. Wide violet flowers on fine stems, above green foliage mats. Likes gravelly soils but will thrive in good garden loams. Plants, each 50c.

ALLIARIAEFOLIA—(3)36. Clear white bells sway from the many stems. Well-grown, a handsome plant. Pkt. 20c.

BARBATA—(2-3)12. A lovely, but easy and vigorous alpine species. Many rather large bells of china-blue. Pkt. 15c; $\frac{1}{32}$ oz. 25c; $\frac{1}{16}$ oz. 40c.

BONONIENSIS—(3-5)30. Many little blue-violet bells are crowded in slender spikes to suggest elongated Hyacinths. Rather decorative. Pkt. 20c; 3 for 50c.

CARPATICA BLUE—(2-4)12. Spreading mounds of dainty, upfacing cup-flowers in varied shades of blue. Easy, floriferous, long in bloom. Pkt. 15c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c. Plants each 45c; 3 for \$1.25.

CARPATICA WHITE—Like last, but with big blossoms that are purest white, or rarely with faint azure suffusion. Pkt. 20c; $\frac{1}{16}$ oz. 45c; $\frac{1}{8}$ oz. 80c. Plants, each 50c; 3 for \$1.40.

CARPATICA VARIATION BLEND—Special strain, rather dwarf and compact in plant, amazingly, and most pleasingly, variable as to color and habit of bloom. Lavender, mauve, palest blue suffusions, sky blue, indigo, all will be here. An English strain. Pkt. 25c; 3 pkts. for 70c; 10 for \$2.00.

COCHLEARIFOLIA—(2)6. A pretty rock garden species with many little blue bells over fine foliage mats. Pkt. 25c.

COCHLEARIFOLIA ALBA—(2)6. Truly a delight. Dancing little white bells on fine stems over green mats of overlapping foliage. Plants, each 65c.

COLLINA—(2)10. A gay and easy Campanula with big bell-flowers of satiny blue-purple above tufted, downy foliage. Pkt. 25c; $\frac{1}{32}$ oz. 75c.

FRAGILIS—(3)6. An altogether beautiful semi-trailer with many short, straying, semi-prostrate stems set with rather large star-bells of deep blue. Pkt. 30c; 3 pkts. for 80c.

GARGANICA—(2-3)6. Exquisite, wide stars of pure mid-blue in close, radiant sprays. Particularly long blooming season. Perhaps most delightful of the whole lovely group of Adriatic bell-flowers. Pkt. 25c; $\frac{1}{64}$ oz. 40c; $\frac{1}{32}$ oz. 70c; $\frac{1}{16}$ oz. \$1.20. Plants, each 65c; 3 for \$1.80.

GLOMERATA—(2)30. Blossoms usually blue, sometimes white, are densely gathered in head-like clusters. Showy perennial for the mixed hardy border. Pkt. 20c; 3 pkts. for 50c.

LACTIFLORA—(3-4)30. Great domes of upfacing saucer-stars, usually of white with azure suffusion, but sometimes pale blue, or even skyblue. Very different in effect from any other Campanula here, and truly a beauty. Pkt. 20c; $\frac{1}{16}$ oz. 50c. Plants, each 50c; 3 for \$1.40.

LATIFOLIA MACRANTHA—(3)48. Particularly large, flaring bells of flowers in dark blue-violet, these carried in loose spikes. A showy perennial of vigorous, branching habit. Pkt. 15c; $\frac{1}{16}$ oz. 40c.

LATIFOLIA ALBA—(3)48. Big bell-flowers of purest white. A very good species for the mixed hardy border. Pkt. 15c; $\frac{1}{16}$ oz. 40c.

LATILOBA SIX HILLS GIANT—Showy border species from the Caucasus, in this variety with many big saucer-flowers of softest blue. The several blossom-laden stems may reach four feet. Plants only, each 65c; 3 for \$1.75.

PERSICIFOLIA BLUE—(2-3)30. Peach-leaf Bellflower. One of the more desirable hardy perennials. Very many big, blue flower-bowls. Blooms over a rather long season. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 50c; 3 for \$1.40.

PERSICIFOLIA WHITE—Like last, but flowers of pure white, or, rather rarely, with faint azure suffusions. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c. Plants, each 50c; 3 for \$1.40.

PERSIC. TELHAM BEAUTY—A spectacular beauty, with big, rather saucer-shaped flowers of clear china-blue. This is the true, original variety, vegetatively propagated. 30 inches. June-July. Each 65c; 3 for \$1.75.

PERSIC. MISTY MORN—Double blossoms of a most attractive, silvery, blue-lavender. Flowers are petal-filled bells. 30 inches. Plants, each 65c.



CAMPANULA PUNCTATA

PETIOLATA—rbx(3)25. Timber-bell. An exceptionally vigorous and beautiful Hare-bell with blossoms of deep, clear lavender. Pkt. 20c.

PORTENSCHLAGIANA—(2-3)5. One of the daintier and prettier rock garden Campanulas, a dwarf, spreading species, mantled with profuse blue stars. Syn. *C. muralis*. Pkt. 25c.



POSCHARSKYANA—(2-3)6. A pretty and graceful semi-trailing star-bell from Dalmatian cliffs. Blossoms of bright blue-violet for months. *Illustrated opposite*. One of the better low species. Pkt. 20c; $\frac{1}{32}$ oz. 40c. Plants each 50c; 3 for \$1.40; 10 for \$4.00.

PUNCTATA—(3)28. A very different, and very beautiful, Campanula from mountains of Japan. Rugged towers of big, pendant bells, from translucent, creamy pink, through lilac, to vinous purple. Sometimes white forms appear. *Illustrated opposite*. Pkg. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40.

PYRAMIDALIS BLUE—(3-5)70. Great Chimney Bell-flower. The several towering stems, often to six feet, are loaded and lined with saucer-bells in pale to mid-blue. A well-grown specimen is truly spectacular. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

PYRAMIDALIS ALBA—(3-5)70. Here is the Chimney Bell-flower with pure white blossoms. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

RAINIERI—(2-3)5. Low, gray-green tufts carry particularly large, upfacing, almost stemless bells of waxen china blue. A rare rock garden beauty, native to cliff-crevices of the Italian Alps. Pkt. 30c; 3 pkts. for 80c.

RAPUNCULOIDES—(8)35. Rover-bell. Spires of loosely swung bell-blossoms for months, soft blue to deep violet. A Campanula so easy that it has been sometimes under-rated by those writers who seem to believe that only the garden-difficult kinds can be beautiful. *Illustrated opposite*. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 45c; 3 for \$1.20.

ROTUNDIFOLIA—(8)15. The variable, always lovely, Harebell or Bluebell. Low showers of pretty little bells, hundreds of them on stems slender, almost threadlike. Luminous violet is usual, but many a tone of blue may appear, or even white. Thrives in full sun, or equally, in dampish shade. Pkt. 20c; $\frac{1}{16}$ oz. 50c. Plants, each 50c.

THESSALA—(2-4)15. Fine-leaved, densely bushy plants with multitudes of slender stems that carry tilted, airy bells of rich blue in great numbers. Plants, each 65c.

THYRSOIDES—erbx(3)18. Erect, unbranched plants that carry rather dense spikes of creamy yellow flowers. Truly a unique species. Monocarpic. Pkt. 20c; 3 pkts. for 50c.

OFFER 52A—One pkt. each of the 26 Campanulas offered in seed form for \$4.35.

OFFER 53AN—One plant each of the 16 Campanulas offered in plant form, for \$8.00.

CAMPANULA ROCK GARDEN BLEND—Desirable, low-growing kinds in wide range. Pkt. 20c; 3 pkts. for 50c.

CAMPANULA BORDER BLEND—Taller sorts, suitable for the mixed border, or for cutting. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

CANTERBURY BELLS—Here are flowers of pleasant memories. Monocarpic, ebx(2-3)30. **SINGLE MIXED**—The simplest in form, and, to our mind, the prettiest and most graceful. Big fluted pitchers in blue, violet, white, rose and pink. Mixed. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. **DOUBLE MIXED**—It is pitcher within pitcher, color range of the last. Pkt. 15c; $\frac{1}{8}$ oz. 50c. **CALYCANTHEMA**—Each pitcher-flower has a wide saucer under it in like coloring. Mixed, in full color range. Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c. **ANNUAL CANTERBURY BELLS**—Here is a specially selected, quick-growing strain, giving flowers within six months from sowing. Started early, it will give nice bloom first season. Mixture of the colors. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **OFFER 54A**—One pkt. each of the four for 50c.



1 PEERLESS HARDY BORDER BLEND

Seeds of unusual and showy flowers, a blend of more than 100 perennials that are tall, vigorous, and handsome enough to grace the most particular of permanent plantings. Includes many rare kinds. Winter-hardy $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c; 1 oz. \$2.70.

BOOKS—For the commercial grower. **PROPAGATION OF PLANTS**—Kains and McQuestion. Latest methods. Detailed. Authoritative. \$4.00. **THE NURSERY MANUAL**—Bailey. Every nurseryman needs it. \$5.00. **THE BOOK OF SHRUBS**—Hottes. Descriptions, propagation, uses, care. 437 pages. \$4.00. **COMMERCIAL FLOWER FORCING**—Laurie and Kiplinger. Detailed; informative. Includes marketing. 598 pages. \$4.75. **HOW TO INCREASE PLANTS**—Hottes. Plant propagation ways for both beginner and professional. \$3.00.

5 CANARY BIRD VINE—ex(3)10 ft. A graceful annual vine with deeply lobed leaves and blossoms in bright yellow of a form that suggests the name. Pkt. 15c; ½ oz. 40c.

2 CARICA PAPAYA—w. In the north, an easy, speedy large pot or tub plant, decorative in Palm reminder. Well-grown plants bear the melon-shaped papaya fruits the second year, these edible, highly esteemed in the tropics. Few exotics so curious may be grown with so little fuss and care. Pkt. 15c.

2 CARICA CANDAMARCENSIS—w. The Mountain Papaya makes a decorative ornamental when grown as a large pot or tub plant. Handsome dark green foliage; graceful, palm-like form. The perfumed fruit is said to have a pleasantly acid flavor, both pulp and seeds being eaten. Pkt. 25c.

5 CARDINAL CLIMBER—ejk 12 feet. Graceful annual climber with fine foliage and flowers of brilliant, cardinal red. On fence or trellis it drapes in long-blooming beauty, a green wall set with ruby brilliance. Pkt. 20c; 3 pkts. for 50c.

3 AN AUSTRALIAN BULB-FLOWER

The flowers, carried in open clusters on 20-inch stems, are a bit like miniature Daffodils, at least in form, the saucer a rose-toned crimson, the little cup a pale yellow, rose-suffused at base. While the individual flower is a bit small, the whole cluster is open at once, giving a most attractive effect. Botanically this is **CALOSTEMMA PURPUREUM**, and it is to be handled as a summer-flowering garden bulb, giving same treatment and handling as one would *Gladiolus*. Bulbs, each 55c; 3 for \$1.50; 10 for \$4.50.



CALOCHORTUS

CAMASSIA

oz. 25c; ½ oz. 40c; ¾ oz. 70c. **OFFER 51A**—One pkt. each of the three for 40c; ½ oz. of each for 80c. **CAMASSIA FINEST MIXED**—The Camassias above in blend. Pkt. 15c; ½ oz. 30c; ¾ oz. 45c; 1 oz. 80c.

CAMELLIA

CAMELLIA JAPONICA BLEND—w(7). Clear-hued waxen blossoms; white, salmon, rose or cherry. Emerald, evergreen foliage. Splendid pot or tub plant, thriving in sunny window in cool room. Sow under frames in spring or in heat at any time. Latest crop seed, but Camellia never gives perfect germination. Large, nut-like seeds, 8 for 25c; 20 for 50c; 50 for \$1.00; 100 for \$1.75.

5 CARYOPTERIS INCANA—ek(3)35. Blue Spirea. Vivid blue blossoms in closely tiered whorls. It cuts. Aromatic. Sown early, it blooms freely first year, so is best treated as an Annual. Pkt. 20c.

4 CARYOPTERIS TANGUTICA—(3)30. A fully winter-hardy species with very many, whip-like branchings set with whorls of aromatic blue blossoming. Perhaps woody enough to be classed as a low shrub, but because of its slender, graceful carriage it fits well among herbaceous perennials in the mixed hardy border. Plants, each 50c; 3 for \$1.40.

1 CARLINA ACAULIS—erx(3)9. Handsome alpine for the rock garden. Six-inch flowers, of silvery and straw tones, center rosettes of flat, spiny leaves. Pkt. 20c.

3 SHOWY CANNAS

State'y plants with decorative foliage in exotic appearance. Trusses of massive, brilliant flowers. *Illustrated below.*

Cannas bloom constantly from early summer until after autumn freezes. In late fall, dig roots and store in dry, frost-proof place. We supply tubers, 2 to 3 eye divisions. **FLOR-ENCE VAUGHAN**—Big yellow flowers, dotted red, and with red throat. Green foliage. **KING HUM-BERT**—Big clusters of scarlet flowers above bronze leaves. **RICHARD WALLACE**—Profuse blossoming in clear yellow, leaves green. **HUN-GARIA**—Desirable deep pink. Green foliage. **WYOMING**—Here the leaves are bronzy maroon, the flowers large and rich orange. **UNIFORM PRICE**—Tuber divisions of any of above, each 25c; 3 for 70c; 10 for \$2.00. **CANNA FINE MIXED**—The above, with others, 3 for 65c; 10 for \$1.90; 25 for \$4.50.



CANNA SEEDS MIXED—Seeds saved from varied named kinds. Should give interesting colors and forms. Usually seedlings bloom first year. Soak or file the rather large seeds before sowing. Pkt. 25c; 3 pkts. for 70c.

1 CARNATION 2

Spicily sweet perfumes, sheafs of beauty, cut flowers for many a vase. Reasonably garden-hardy. "x" culture.

CHABAUD GIANT MIXED—Deeply fringed, double flowers to 2-inch diameters. Clove-scented. Soft pink, rose, yellow, salmon, cardinal and crimson in mixture. Blooms in five or six months from seed. Usually grown as a perennial, but likely to bloom first year. Pkt. 20c; ½ oz. 40c; ¾ oz. 75c.

CARNATION AVRANCHIN—Fine, big double flowers of pale yellow, vividly splashed with rose, red and violet markings. Bizarre, but gorgeous. Pkt. 30c.

SUPERGIANT BLEND—Immense flowers, fully double, heavily fringed, are carried on sturdy 20-inch stems. About six months from seed to bloom. Flowers quite often a full three inches in diameter. Color range unusually full; in addition to the varied clear self tones of the other strains there will be here a certain percentage of bicolors and buff, bizarres, smokies, lavenders, garnet, and cherry, with orange-salmon and contrasting flakies. Usually grown as outdoor perennials, but may also be cut back in autumn and potted up for winter bloom in a cool window or greenhouse. Pkt. 30c; ½ oz. 90c; ¾ oz. \$1.70.

GRENADIN MIXED—Splendid garden strain, rather hardier than the others, and exceedingly free-blooming. Double flowers of medium size in wide color range, including good proportion of rich, dark tones. 18 inches. Pkt. 20c; ½ oz. 40c. Plants, fine mixed, each 50c; 3 for \$1.40; 10 for \$4.00.

DWARF VIENNA MIXED—A dwarfer strain of long-lived perennial Carnations, growing to ten inches. Blooms earlier than any other strain. Fine assortment of colorings, flowers fully double. Makes a colorful edging. Pkt. 20c; ¼ oz. 50c.

OFFER 50A—One pkt. each of the five for \$1.00.

4 TREE EVERGREEN BLEND

A mixture of seeds of ornamental Evergreens and relatives in the botanic family Coniferae. Made up from the more desirable species of Fir, Pine, Spruce, Hemlock, Yew, Juniper, Cedar, Larch, together with *Cryptomeria*, *Chamaecyparis*, *Ginkgo*, *Thuja* and the like. Some of the seeds naturally germinate quickly, but a few of the kinds (as Yew) are slow and may take months, so do not disturb seedbed until at least one winter has passed. Not less than ¼ oz. sold. ½ oz. 20c; ¾ oz. 35c; 1 oz. \$1.15; ¼ lb. \$4.00.

4 CALYCANTHUS FLORIDUS—kt. Sweet Shrub. Easy woody plant with chocolate-colored flowers that have fragrance of strawberries. Pkt. 15c; ½ oz. 40c.

1 CATANANCHE COERULEA—ecbk (2-3)25. Cupid Dart. Long-stemmed, attractive flowers in soft blue. It cuts well. A fully satisfactory, enduring perennial of very considerable beauty. Drought-resistant. Pkt. 15c; ½ oz. 35c; ¼ oz. 60c. Plants, each 45c; 3 for \$1.20.

1 CATANANCHE SNOW-WHITE—New, and beautiful, variety with blossoms of purest white, without trace of blue marking or shading. Otherwise like last. Pkt. 25c; 3 pkts. for 70c. Also **CATANANCHE BICOLOR**, white with blue center, at pkt. 20c; 3 pkts. for 50c.

3 CAUTLEIA LUTEA—k(3)17. Odd flowers of brilliant yellow, then bright red seed capsules. Himalayan, Bhutan to Kashmir. Needs careful winter protection in garden. May also be grown as a pot plant. Pkt. 20c.

4 CEDRUS LIBANI—k 80 ft. True Cedar of Lebanon, a handsome, ruggedly formed, coniferous evergreen tree. Winter-hardy at Philadelphia and Boston. Pkt. 20c; ½ oz. 40c. Plants, one year seedlings from pots, each 60c.

4 CELASTRUS SCANDENS—yt 50 ft. Waxwork or Bittersweet. Showy hardy vine. In autumn, hung with cluster-sprays of bright orange-and-red fruits that may be dried for winter bouquets. A desirable ornamental for landscape use. Also sometimes planted for commercial cutting. Pkt. 15c; ¼ oz. 30c; 1 oz. \$1.00.

5 CELOSIA (with COCKSCOMB)

Attractive flowers, easy to grow, colorful in garden or vase. "x" culture.

CRISTATA EMPRESS—18 inches. Enormous crest-combs of rich, velvety maroon. Red foliage. Dwarf, compact. Pkt. 15c; ½ oz. 30c.

GIANT PLUMED MIXED—40 inches. Great ostrich plumes in widest color range, including scarlet, crimson, amaranth, orange and yellow, with rose tones. Pkt. 10c; ½ oz. 25c; ¼ oz. 40c.

FIRE FEATHER—12 inches. Red fire here, dwarf plants with great, pointed, silky plumes. Striking for pot culture or in the garden. *Illustrated opposite.* Pkt. 15c; ¼ oz. 40c.

GOLDEN FEATHER—Like last except that plumes are all of brightest golden yellow. Fine for edging, bedding, pot culture. Pkt. 15c; ¼ oz. 40c.

OFFER 49A—One pkt. each of the 4 for 45c.

CELOSIA JUMBLES—A blend of the above with many others, plumes, combs, wool-flowers and the like. A wonderful mixture to sow for all-summer cutting material. Pkt. 15c; ½ oz. 30c.

CASSIA GOLD

Alike chiefly in that they all have showy golden flowers, and all are horticulturally good, the Cassias differ in that some of them are tender perennials, used as large pot plants in the north or open ground far south, while others (Marilandica and Medsgeri) are fully winter-hardy perennials. **CORYMBOSA**—w(k). Makes a handsome large pot plant, free and long blooming, loaded with golden flowers. It may also be grown in the garden, being then carried over winter in a half dormant state in a light cellar. Pkt. 20c. **ARTEMISOIDES**—w(k). Pretty winter bloomer with fine, gray-silvered foliage and fragrant, soft yellow flowers. North, a large pot or tub plant. Pkt. 20c. **MARILANDICA**—bmtkt(3)50. A fully winter-hardy perennial of much showiness. Massive racemes of golden yellow flowers. Thrives in either wet or dry soils. Pkt. 15c; ½ oz. 25c; ¼ oz. 40c; **MEDSGERI**—kt(3)60. Very like marilandica, slightly smaller in flower, but valuable in that it shows great resistance to summer heat. Fully hardy. Pkt. 15c. **LAEVIGATA**—k. Many racemes of bright yellow flowers, followed by oddly cylindrical seed-pods. To be grown as a large pot plant except in far South. Pkt. 20c. **OFFER 55A**—One pkt. each of above for 75c.

5 GOLD-COIN FLOWER—It is Cassia fasciculata, an easy, and certainly showy Annual that will delight in any sunny place. The plants are graceful fountains to 25 inches, each pinnately foliaged stem becoming a plume of bright yellow blossoming. The golden yellow flowers carry minute crimson flecks at the petal bases. Sow early. Fine for broadcast naturalizing. Pkt. 15c; ½ oz. 25c; ¼ oz. 40c.



CERATOSTIGMA PLUMBAGINOIDES
above. Plants only, each 45c; 3 for \$1.20.

1 CERATOSTIGMA

Mounds of vivid blue brilliance are the diffuse 10-inch plants, from mid-summer well into October. Then the flowers fall, and the red calyces take over to give warm glow to cooling days. *Ceratostigma plumbaginoides. Illustrated*

1 CENTAUREA PERENNIAL

Fully hardy perennials that will give quick, robust brilliance. They cut well. "x" culture. Easy germinators. **AMARA**—(4)25. It blooms in late summer and early autumn, big, lacy, lilac flowers. Pkt. 15c; ½ oz. 30c. Plants, each 45c. **BELLA**—(8)16. Beauty of the Caucasus. Fringed, starry blossoms of mauve pink rise over mats of silvery, feathery foliage. Splendid rock garden, edging or bedding perennial. Plants only, each 50c; 3 for \$1.40. **FRITSCHI**—(3-4)60. Tall long-bloomer with good violet flowers and feathery foliage. Pkt. 20c. **MACROCEPHALA**—(3)45. It can be a spectacular beauty, with its big flowers of fullest, fluffy, golden doubleness. Pkt. 15c; ½ oz. 30c. Plants, each 50c; 3 for \$1.40. **MONTANA**—(8)20. Big, airy flowers that seem to be made of blue lace. A most attractive, ever-blooming perennial. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c. Plants, each 45c; 3 for \$1.25; 10 for \$3.70. **ORIENTALIS**—(8)28. Big blossoms that may be either soft yellow or rose-toned maroon. Pkt. 15c; ½ oz. 30c. Plants, each 50c. **DEALBATA PINK DELIGHT**—(2-3)40. A most desirable, hardy perennial from Persia. Rounded, branching plants with pinnate foliage that is white-silvery in reverse, are long filled with big double flowers of rosy lilac, the ray-flowers lace-like, pink-toned. Pkt. 20c; ¼ oz. 35c. Plants, each 55c. **SCABIOSA**—(2)40. The earliest to bloom of our perennial Centaureas. Big blossoms of blueberry-violet. Pkt. 20c. Plants, each 45c. **RUTHENICA**—(3)36. Fairly large, fringed flowers of soft yellow. Pinnate foliage. Pkt. 20c. Plants, each 45c. **PULCHERRIMA**—(3)16. Caucasian species with large and handsome flowers of soft rose lavender. Pkt. 25c. **GLASTIFOLIA**—35 inches. Attractive, fluffy golden flowers. Stems oddly winged. Plants only, each 60c. **STENOLEPIS**—(3)50. Called Summer Bouquet from its free-blooming beauty. Large flowers of fringed, roseate lavender come from buds of brown basketry. Fine cut flower. Pkt. 20c. Plants, each 50c. **TAUSCHERI**—(2-3)20. Wide mounds of silvery foliage set with small flowers of lace-lavender. Pkt. 20c. Plants, each 45c. **OFFER 56A**—One pkt. each of above as offered in seed form, for \$1.80. **OFFER 57AN**—One plant each of above as offered in plant form, for \$4.80.

CENTAUREA HARDY BLEND—Splendid mixture, includes all above, together with the many fine kinds that are listed only in the Treasure Chest. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c.

5 CENTAUREA and SWEET SULTAN

Garden-decorative, or splendid cut flowers. "k" culture.

ANTIALBIS—(2-3)35. Centaurea imperialis. Big, delightfully fringed and fragrant double blossoms in rose, lilac, wine red, purple, white, often with contrasting centers. Long stems. Fine for cutting. Pkt. 15c; ½ oz. 25c.

GRECIAN SWEET SULTAN—(2-3)35. Centaurea suaveolens. Golden yellow are the exquisitely formed, perfumed, double blossoms. Delightful species. Pkt. 15c; ½ oz. 25c.

CORNFLOWERS DOUBLE MIXED—(2-3)30. Centaurea cyanus, called Bachelor Button. Fine double flowers, prettily fringed, in bright blue, pink, ruby, cardinal, maroon, rose, white, mauve. Pkt. 10; ¼ oz. 30c; 1 oz. \$1.00.

BLUE BOY—(2-3)30. Brightest Cornflower blue. Delightful for cutting or in the garden. Pkt. 15c; ½ oz. 25c.

AMERICANA—(2-4)40. Great Basket-flower. The long-rayed blossoms of rosy lilac, or sometimes creamy white, often run to four inch diameters. Pkt. 15c; ¼ oz. 35c.

GYMNOCARPA—ifbk(2-4)20. Dusty Miller. Massed feathery, silver-gray foliage. Valued for edging or bedding. Pretty purple flowers. From the Isle of Capri. Pkt. 15c; ½ oz. 25c.

MACULOSA WHIRLWIND—(3-4)50. Bushy plants filled with ivory tassels edged with white lace. Sow early. Will naturalize. Pkt. 15c; 3 pkts. for 40c.

THE DWARF CORNFLOWERS—Low, compact, to about 12 inches, right for edgings. **JUBILEE**—A bright blue, like a low and dense Blue Boy. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c. **ROSE GEM**—New variety in soft rose pink. Of height, habit, season and uses of Jubilee. Pkt. 25c; 3 pkts. for 70c.

OFFER 58A—One pkt. each of above for \$1.00.

2 CELSIA ARCTURUS—wk20. Bear-tail of Crete. Rather large flowers of golden yellow, anthers purple, are carried in big, loose racemes. A handsome plant, arresting when in fullness of bloom. Splendid winter pot bloomer, or can be grown in the summer garden. Pkt. 25c.

1 CELMISIA SPECTABILIS—rcbkt(2-3)20. The Showy Wool-leaf Daisy of New Zealand. Large white flowers on wool-covered stems over rosettes of leaves that are likewise covered with silvery wool. Pkt. 20c; 3 pkts. for 50c.

1 CELMISIA SPECIES BLEND—Many desirable species in mixture, some of them rare, unusual. Pkt. 25c. (For separate species, ask for the TREASURE CHEST OFFER.)

1 CENTROSEMA VIRGINIANUM—erx(3)6. Butterfly Vine. Delightful hardy trailer for the rock garden. "Sweetpea" flowers of soft blue, the blossoms with immense wings that remind of butterflies. Good. Pkt. 25c.

1 CEPHALARIA—ex. They are very like taller, longer stemmed Scabiosas in soft yellow. Fully winter-hardy and long-lived. Desirable for cutting, or decorative in the mixed border. "x" culture. **TATARICA**—(3)85. Very many creamy yellow flowers on long, graceful stems. Pkt. 15c; $\frac{1}{8}$ oz. 25c. Plants, each 45c; 3 for \$1.20. **RADIATA**—(3)60. Soft sunlight yellow are the double, cushion flowers, all with slender, but strong stems. Long in bloom. Plants, each 50c; 3 for \$1.40. **CORNICULATA**—(4)60. The profuse sheafs of creamy yellow flowers show in late summer and early autumn. Pkt. 15c; $\frac{1}{8}$ oz. 25c. Plants, each 50c.

2 GAY CINERARIA

Wide clusters of brilliantly colored blossoms. No pot plant has brighter flowers. Botanically *Senecio cruentus*. For the "Annual Cineraria" of the garden, see *Senecio arenarius*. ew.

CINERARIA GIANT EXHIBITION MIXED—Splendid exhibition pot plant. Great flowers, to $3\frac{1}{2}$ -inch diameters, in many rare, intense colorings, rich selfs, others with white centers. Not excelled by any Cineraria strain whatsoever. *Illustrated opposite*. Pkt. 40c; $\frac{1}{128}$ oz. \$1.00; $\frac{1}{64}$ oz. \$1.90.

CINERARIA MULTIFLORA-NANA—Dwarf, compact plants, small in leaf, flowers around an inch in diameter produced in vast numbers in closely packed, showy clusters. There will be blues of burning brilliance, with carmine, rose, white, pink, many bright'y zoned. Much used as a window plant. Pkt. 35c; 3 pkts. for \$1.00.



THE BEST GARDEN REFERENCE—It is, we think, the book *HORTUS SECOND*, by the Baileys, 832 pages of concise horticultural information. Covers 18,000 species. Authoritative, botanically accurate, but easy to use and to understand. \$7.50.

1 CERASTIUM GRANDIFLORUM (argenteum)—ergx(2)9. Sheets of silvery foliage massed over with rather large white flakes of flowers. A good rock garden or edging perennial. Pkt. 20c. Plants, each 45c; 3 for \$1.20; 10 for \$3.85.

1 CERASTIUM TOMENTOSUM—ergdx(2)7. Snow-in-Summer. Wide mats of white-woolly foliage, covered through late spring with pure white, starry flowers. Fully hardy. Thrives in sunny places. Rock gardens, edgings, bedding, carpeting. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

2 CEROPEGIA WOODI—Heart Vine. An odd and pretty plant for hanging basket or shelf. Slender, trailing stems carry small, very thick, heart-shaped leaves of dark green, marbled with white. The attractive, oddly formed flowers of buff-brown with pink tones and purple shadings, are carried in pairs. Tuberous roots. Each 40c; 3 for \$1.10.

2 CESTRUM—w. Winter-blooming plants of much attractiveness. Save in the extreme South they are usually handled in pots. **NOCTURNUM**—Called Night-blooming Jessamine from the exceeding night-sweetness of the creamy yellow flowers. Pkt. 20c. **AURANTACUM**—In this species the perfumed flowers are of a rich yellow. Pkt. 20c.

4 CHAENOMELES JAPONICA—y Japan Quince. Hardy shrub, covered in spring with scarlet blossoming. Later come yellow fruits from which jelly may be made. Pkt. 15c.

2 CHAENOSTOMA GRANDIFLORUM—*ew(8)35. Called Purple Glory from the racemes of large Phlox-like flowers in the richest of royal purples. Near to everblooming. Excellent foliage. A very good pot plant, or by early starting, may be grown in the summer garden. Pkt. 20c.

2 CHERRY SAGE—An easy and delightfully gay house plant that may be kept in bloom almost the year around. The flowers are of a brilliant cerise tone, the color of a ripe Cherry. Plant is dwarf and compact, with dark green foliage. May also be used as a garden bedder. It is *Salvia microphylla*. Pot-grown plants, each 45c; 3 for \$1.25; 10 for \$3.80.

4 CHAEMAECYPARIS MIXED—(Retinospora) k. Handsome evergreens of highly variable foliage and plant form, desirable ornaments at all ages, but particularly attractive in the many diversities that appear in the juvenile state. Hardy into Massachusetts. We offer seeds saved from several species and varieties, including unusual color forms. Desirable as foundation evergreens, but will eventually make trees of good size. Pkt. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.00.

5 CHAREIS HETEROPHYLLA—erk(2)10. The pretty King-fisher Daisy. Quick from seed to bloom. The flowers, of a most vivid Gentian-blue, appear through late spring and into early summer. Pkt. 20c; 3 pkts. for 50c.

1 CHEIRANTHUS ALLIONI—*erbk(2)10. Many sprays of vivid orange flowers in late spring and summer. Sown early, can be brought into bloom the first year. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

1 CHEIRANTHUS GOLDEN BEDDER—Like the last, but flowers are golden yellow. Pkt. 15c; 3 pkts. for 40c.

2 CHIRONIA BACCIFERA—*w(3)8. A lovely, pink-flowered "Gentian" from South Africa. For months great masses of pure pink blossoms, these followed by multitudes of glowing scarlet berries. May be grown in the open ground, but also makes a desirable pot plant. Pkt. 20c.

3 CHLOROGALUM POMERIDANUM—bmyt(2)45. Noon-flower. Bushy panicles of white flowers, each petal with purple stripe. A desirable, winter-hardy garden bulb, easily grown from seeds sown out of doors in the late autumn or earliest spring. Pkt. 20c; $\frac{1}{16}$ oz. 50c.

1 CENTRANTHUS FOR SUN

It grows to some 25 inches of branching, well-formed height, has excellent foliage, and it is long covered with attractive flower clusters that may be red, rose or even white. Called Jove's Beard. A hardy, long-lived perennial. Seeds, mixed colors. Pkt. 20c; 3 pkts. for 50c. Plants, shades of red, each 45c; 3 for \$1.25. Plants, flowers pure white, each 50c; 3 for \$1.40.

5 AFRICAN FOXGLOVE

It is really not a Foxglove at all, but it does rather resemble one in form and carriage of bloom. It is *CERATOTHECA TRILOBA*, an easy annual flower of tall and stately habit. The blossoms remind of Foxglove flowers, downy "bells" of pure lavender, marked with purple throat lines. Pkt. 20c; 3 pkts. for 50c.

5 GOLD OF ARABY

From borderlands of the Arabian desert comes *CLADANTHUS ARABICUS*, the Gold of Araby. It is a gaily bright annual flower for any well-drained, sunny place. The foliage is of a feathery ferniness, the plants well-branched, daisies of burnished gold ending each stem. So long in bloom that it may be called ever-blooming. Pkt. 20c; 3 pkts. for 50c.

3 CHLIDANTHUS FRAGRANS

Called Perfumed Fairy Lily, but it is more or less a miniature golden *Amaryllis* for the garden. The slender, waxy trumpets, delightfully, richly fragrant, come in early spring. Dig and store like *Gladolus*. An Andean bulb. Bulbs, March to June, 4 for 50c; 9 for \$1.00.

HOUSE PLANTS as offered in this catalog are supplied in young stock that is at, or just under, flowering size. This size packs and ships well. It will start into growth quickly after you receive it, and soon it will be blooming. We do not send out large specimen plants. Such would cost you much more than we charge, and give poorer results in the long run. All plants are normally shipped by express. If you want them by parcel post, then remit for postage and mail packing at rate of 10% additional for points east of the Mississippi, and 15% for destinations beyond that river.

1 HARDY CHRYSANTHEMUMS

The very name conjures beauty, and never more than when it is our OLD ORCHARD GLORIES strain. It is a blend, founded upon crosses of the Azaleamums, the Koreans, Rubellum and Yezoense with the named and showy Hybrid Garden Chrysanthemums. Many of the seedlings will have double or near-double flowers, and the color range will cover the whole field of Chrysanthemum possibilities in hue, shade and tone. Sow seeds out of doors in late autumn or earliest spring, and they will flower first season, living for years. Pkt. 25c; $\frac{1}{4}$ oz. 50c; $\frac{1}{32}$ oz. 90c.

OTHER HARDY CHRYSANTHEMUM STRAINS—Desirable for both garden decoration and cutting. **ARCTIC HYBRIDS**—Blossoms varied in coloring, often dazzling in brightness. Considered particularly winter-hardy. Pkt. 20c. **YEZOENSE HYBRIDS**—New strain that runs to widely varied pink and rose tones. Broad, low plants with heavy, crispy, rather glossy leaves. Pkt. 30c. **KOREAN HYBRIDS**—Flowers in many rare color tones, always with radiant lustre, single to semi-double. Fairly early; decidedly hardy. Pkt. 25c; 3 pkts. for 70c. **OFFER 62A**—One pkt. each of the 3, with one of the Old Orchard Glories, for 85c.

HARDY CHRYSANTHEMUM PLANTS

THE CUSHION CHRYSANTHEMUMS—Dwarf, early-flowering near-doubles. Wide cushions of bloom to about 12 inches. **PINK CUSHION**—Masses of light pink. **YELLOW CUSHION**—Bright golden yellow. **BRONZE CUSHION**—Coppery yellow with red-bronze tones. **WHITE CUSHION**—Opens bluish, becoming pure white. **RED CUSHION**—Rich bronze red. **PRICE**, any one color, each 50c; 3 for \$1.40. **OFFER 39AN**—One plant each of the 5 for \$2.20.

HARDY GARDEN CHRYSANTHEMUMS—Desirable for cutting, or for garden effects in fall. *Illustrated opposite*. All offered here are early enough to give a good, long season of outdoor blooming. **AVALON REFLECTION**—Free-blooming, compact double that opens golden bronze, becoming bronze-orange, then apricot and old gold, and ending as clear pink. Since flowers in all the color stages show at the same time, the effect is delightful, and unusual. Each 50c; 3 for \$1.40. **LAVENDER LADY**—Lovely full double in silvery orchid pink. Each 50c; 3 for \$1.40. **BURGUNDY**—Double flowers of richest wine-crimson. Each 50c; 3 for \$1.40. **LUCENT**—Flattened, near-double flowers in shell pink. Each 45c; 3 for \$1.20. **SPIT-FIRE**—Practically double. Rich red with bronze tones. Each 45c; 3 for \$1.20. **HEBE**—Fragrant, and beautiful, single Korean in luminous salmon pink. Profuse; hardy. Each 45c; 3 for \$1.20; 10 for \$3.50. **MANY SUNS**—Big semi-double with radiating petals of orange red, zoned soft yellow. Each 45c; 3 for \$1.20. **LOUISE SCHLING**—Big, semi-double Korean in salmon red. Each 50c; 3 for \$1.40. **DEAN KAY**—Early, blooming from mid-summer into early autumn, hosts of near-double blossoms in a pretty, rosy pink. Each 45c; 3 for \$1.20. **GLACIER**—An early-blooming full double in pure white. Each 50c; 3 for \$1.40. **KING MIDAS**—Fine pure yellow, fully double, semi-incurved. Each 50c; 3 for \$1.40. **CALIPH**—Splendid full double in dark, velvety red. Each 45c; 3 for \$1.20. **CERES**—Fine, hardy Korean single in old gold. Each 45c; 3 for \$1.20. **ORCHID SPOON**—Perhaps best of the "spoon petal" sorts. Double. Delightful orchid pink. Each 50c; 3 for \$1.40. **VULCAN**—Fragrant semi-double in glowing red. Each 45c. **DAPHNE**—Fine pink Korean single. Each 45c. **OCTOBER BANNERS**—Splendid big semi-double with very many, long, flowing petals of red-bronze. Each 50c; 3 for \$1.40. **AVALON DELIGHT**—Over shining, crispy foliage come multitudes of single flowers, small-centered, in purest pink. Early bloomer, making a fine, long show. A well-established plant may be three feet across of blossom densities, yet not over 15 inches high. Rock garden, bedding, terraces. A Yezoense Hybrid. Each 55c; 3 for \$1.50; 10 for \$4.50. **KRISTINA**—A gorgeous Arctic Hybrid with big, single flowers of luminous deep rose. Each 45c; 3 for \$1.20; 10 for \$3.60. **GOBLIN**—Intensely double flowers of richest red-bronze. Free bloomer. Particularly good. Withstands frost. Each 50c; 3 for \$1.40; 10 for \$4.00. **ASTRID**—Fine Arctic Hybrid single in soft, salmon pink. Each 50c. **ROSE FLARE**—Early-flowering near-double in vivid amaranth rose. Each 45c; 3 for \$1.20. **RUTH HATTON**—Fine early double, white to creamy primrose. Each 45c. **MARS**—Hardy Korean single in deep red. Each 45c. **JEAN TREADWAY**—Fully double soft pink, deeper at center. Each 50c. **OFFER 60AN**—One plant each of the 25, with names, for \$10.70. **OFFER 69AN**—One plant each of 10 kinds, our choice and names given, all good kinds, for \$4.00.

BOOK—HARDY CHRYSANTHEMUMS—Cumming. All about outdoor Chrysanthemums, care, cultivation, dis-budding, hybridizing, propagation. Illustrated. \$2.50.

AUGUST DAISY—Chrysanthemum rubellum, CLARA CURTIS. Masses of salmon-pink daisies from early August into October, the much-branched, 18-inch plants becoming mounds of bloom. Plants, each 50c; 3 for \$1.40.

5 THE ANNUAL CHRYSANTHEMUMS

Grow them for colorful garden display, or for cutting. "x" culture. **FINE SINGLE MIXED**—Big flowers, cream to yellow, usually banded or zoned with coppery red, maroon or purple. Pkt. 10c; $\frac{1}{4}$ oz. 30c. **CORONARIUM DOUBLE MIXED**—18 inches. A quite different strain with smaller, but fully double flowers in white and in shades of yellow. Valued for edging, bedding and cutting. Pkt. 10c; $\frac{1}{4}$ oz. 35c. **CORONARIUM YELLOWSTONE**—20 inches. Fine, double flowers of deep sulphur yellow. Desirable for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 30c. **DUNNETT'S DOUBLE MIXED**—Attractive semi-double to double flowers in varied colorings, including red tones. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **GOLD WINGS**—30 inches. Long-blooming single with showy flowers of glistening golden yellow. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **OFFER 61A**—One pkt. each of above for 55c.

SPECIAL BOOK LIST—We can supply a wide assortment of books on gardening, wild flowers, farming, botany, natural history, crafts, cooking and the like. Please ask for our Special Book Folder. It will be sent gladly on request.



5 CLARKIA DOUBLE MIXED—eck(2-4)25. Blossoms that might be little double roses in wreath suggestion. Pink, salmon, carmine, mauve, white or purple. Lovely in cool seasons or cool positions. Pkt. 15c.

3 CLAYTONIA VIRGINICA—erk. The pretty Spring Beauty, a wild flower lovely alike in sun or shade. Blossoms white to pink, often crimson-penciled. Nice in the rock garden. Will naturalize. Pkt. 20c; $\frac{1}{16}$ oz. 50c; $\frac{1}{8}$ oz. 90c.

2 CHLOROPHYTUM ELATUM—Walking Anthericum. Decorative pot plant with rosettes of pointed, white-striped leaves in Pan-

danus effect. High sprays of little white star-flowers, the same slender stems carrying in air baby plants like the parent. Finally the flower-stems arch over and the new passenger-plants take root. Plants, each 45c.

1 CHRYSOGONUM VIRGINICUM—ergkt(8)6. Goldstar. From June into November the green cushion-mats are set with golden stars. Thrives equally in full sun or light shade. Good rock garden perennial. Plants, each 60c; 3 for \$1.60; 10 for \$5.00.

2 CLIANTHUS PUNICEUS—wj. Red Kowhai. Showy pot plant climber. Racemes of rich crimson. Pkt. 20c.

1 CLINTONIA ANDREWSIANA—rmatsty(2-3)24. Burnished rosettes, crimson "lilies" above, then glossy, long-hanging purple berries. Pkt. 20c.

1 CODONOPSIS BLEND—*erx(8)12. Delightful, tuberous-rooted rock garden perennials with many drooping flowers, bell-shaped or tubular, usually of blue-suffused white, the bells often zoned within in deep blue, buff or black. May need winter protection in cold areas. Pkt. 20c; 3 for 50c.

1 HARDY GOLDEN ASTER

It is Chrysopsis mariana, called Golden Aster, for it is very like a particularly fine, large-flowered perennial Fall Aster in richest yellow. The very name translates "looks like gold". Full hardiness. Sun or light shade. It cuts. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, each 45c; 3 for \$1.20.

2 GERALDTON WAX-FLOWER

Masses of five-lobed flowers that seem carved from pink wax, varying at times to a soft peach-blossom rose. Much-branched plants with fine, heath-like foliage. From Western Australia. May be grown as a large pot plant, north. Prefers full sun. Seeds are slow-germinating. It cuts well. **CHAMAELAUCIUM CILIATUM**. Pkt. 20c; 3 pkts. for 50c.

COBRA PLANT—*Darlingtonia californica*. Called Cobra Plant from the fantastic, serpentine appearance of the leaves, these being twisted, red-toned pitchers with translucent windows. A carnivorous plant that handles well indoors in an east or north window. *Illustrated opposite*. Not winter-hardy north. To be grown as a pot plant. Pkt. 20c. Plants, each \$1.00; 3 for \$2.90.



CLEMATIS

Mostly hardy vines, but includes some upright, border perennials, as mentioned in the descriptions. "kt" culture. **ALPINA**—(2) 72. Exquisite blossoms of glistening blue, or sometimes white. May be grown as a low climber, or as a ground-trailer. Pkt. 20c. **COLUMBIANA**—Rather large, loosely spreading blossoms of soft blue-lavender. Fine climber, or may be used to drape a rough bank. Pkt. 20c. **CRISPA**—Here the flowers are urn-shaped, rather like giant, waxy hyacinth-bells, bright blue with deeper shadings. Tends to be ever-blooming. A vine. Plants, each 75c; 3 for \$2.10. **DOUGLASI**—(2) 18. Attractive rock garden dwarf, with bell-like flowers that are purple within, lilac outside. Pkt. 20c. **DAVIDIANA**—(*Herculeaefolia* var.). This is no vine, but instead an erect perennial for the mixed hardy planting, the stems becoming woody at the base. Fragrant flowers of deep blue are carried in dense clusters. Pkt. 20c. Plants, each 70c; 3 for \$1.95. **FILIFERA**—An attractive low vine with wiry stems and rather thick, heavy leaves. The flowers are somewhat urn-shaped, in shadings of violet to purple. Pkt. 20c; 1/16 oz. 40c. **GIANT HYBRIDS**—Large-flowered Clematises in varied colorings; lavender, purple, crimson and white in mixture. Offered subject to arrival (better give second choice.)



Pkt. 35c. **JACKMANNI**—The extravagantly beautiful, large-flowered purple Clematis of porch, arbor or pergola. Rich, deep color. *Illustrated opposite*. Plants, each 95c; 3 for \$2.70. **JACKMANNI RED**—Big blossoms in rich red. Each \$1.00. **LANUGINOSA CANDIDA**—Immense white flowers with faint lavender shading. Each \$1.10. **MONTANA RUBENS**—A very beautiful vine with flowers a bit smaller than in the Jackmanni group, but in immense numbers. A delightful rosy pink. Excellent foliage. Pkt. 20c; 1/16 oz. 35c. Plants, each 90c; 3 for \$2.60. **PANICULATA**—The sweetly perfumed white Clematis of autumn.

Richly fragrant blossoms of creamy white, great curtains of them. Use it to drape a fence, or for porch or wall. Pkt. 20c; 1/16 oz. 30c; 1/8 oz. 50c. Plants, each 75c; 3 for \$2.10. **TEXENSIS**—A brilliant, living red are the showy urn-flowers. Hardy vine of distinctive merit. Plants each 80c; 3 for \$2.25. **STANS**—A sturdy, branching, upright grower for the mixed hardy planting, becoming a shrub. Great panicles of waxy urn-flowers in sky blue or pure white. Pkt. 20c; 1/16 oz. 40c. Plants, each 60c. **RECTA**—An upright, border perennial; not a vine. Great sprays of fragrant white flowers. It cuts. Pkt. 15c; 1/8 oz. 40c. Plants, each 65c. **INTEGRIFOLIA**—A low grower, to perhaps 20 inches, definitely not a vine. One of the more handsome species, with its many wide-spreading, bell-like flowers of rich, deep blue. Desirable for the front of the hardy border, for the rock garden, or as an edger or bedder. Plants, one-year, each 60c; 3 for \$1.65; 10 for \$4.90. **VITALBA**—Traveller's Joy. A vigorous hardy vine of luxuriant growth. Decorative both when covered with its clouds of white flowers, and when in the fluffy, feathery seed stage. Pkt. 15c; 1/8 oz. 35c. **TANGUTICA**—Showy climber with big flowers of bright yellow. Pkt. 25c. **VITICELLA**—Fine ornamental vine with large flowers in varied tones of lavender, blue and purple. Pkt. 20c; 1/8 oz. 35c. **OFFER 64AN**—One plant each of the 11 offered in plant form, for \$7.90.

4 CLEMATIS TALL MIXED—The kinds of vine-like habit, in mixture. Pkt. 20c; 1/16 oz. 35c.

1 CLEMATIS DWARF MIXED—The lower kinds, not vines, for mixed border or rock garden. Pkt. 20c.

1 CLEMATOPSIS STANLEYI—k. Pretty Clematis cousin with silvery foliage and blush-suffused flowers. An upright perennial to four feet; not vine-like. Pkt. 30c.

CYCLOPEDIA OF HORTICULTURE—Bailey. The most extensive (and desirable) of accurate, interesting horticultural reference works. Three big, well-illustrated volumes, 3637 pages altogether. Per set, \$37.50.

3 COLCHICUM LUTEUM—ry. Rare and desirable species from the Himalayan area that, unlike most Colchicums, blooms in spring. Blossoms of golden yellow. Pkt. 25c; 3 pkts. for 70c.



COLCHICUM

3 COLCHICUM SPECIOSUM—ry(4)10. Handsome, cup-shaped flowers of mauve pink, varying from lavender to almost pure pink, or rarely white. It blooms in autumn. Pkt. 15c; 1/4 oz. 45c; 1 oz. \$1.75.

5 COLLINSIA BICOLOR—ek(2)20. Attractive annuals, easy if sown early. Whorls of oddly formed flowers, white above, blue-violet below, varying rarely to pink. Pkt. 15c.

5 COLLOMIA GRANDIFLORA—ex(3)20. Blossoms in a pleasing rosy buff or salmon coloring are carried in rather dense heads. Pkt. 20c.

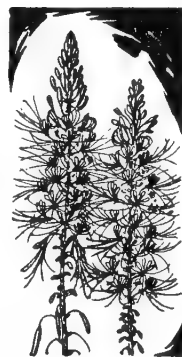


CLIVIA HYBRIDS

Here are aristocrats of the Amaryllis family to be grown as pot plants. From straplike foliage rise stout stems crowned with trumpet blossoms from softest creamy yellow, through golden and burnt orange, to salmon-tinged scarlet. *Illustrated opposite*. Leaves are wide, heavy, symmetrically arranged, and plant is attractive year around. Large succulent seeds, per seed 35c; 3 seeds for \$1.00; 8 seeds for \$2.10. Young plants, not less than one year old, each \$1.00; 3 for \$2.85. These are still well under blooming size, and are intended for growing on.

2 THE DECORATIVE CRASSULAS

Desirable pot plants for any sunny window. Easy to grow and always attractive. **ARGENTEA**—Jade Plant. Thick branches are set with leaves of jade-like sheen and coloring. Eventually rose-toned flowers, but really grown for ornamental foliage and form effect. Makes handsome specimens. Plants, each 50c; 3 for \$1.40. **CULTRATA**—One of the better foliage plants, the thick and glossy lettuce-green leaves each turned to a different angle, giving a whirling effect. Plants, each 40c. **PERFORATA**—String of Buttons or Pagoda Plant. The thick, rounded leaves seem to have the stems threaded through them. Pink flowers. Boxes or hanging baskets. Plants, each 40c. **TETRAGONA**—Called Baby Pine of China. The plants with their thick spike-leaves of emerald green, do resemble miniature Pines. Plants, each 40c. **IMPERIALIS**—Distinctive Crassula with low branchings set with little appressed, green leaves in the oddly pleasing effect of a Lycopodium or Ground-pine. Plants, each 40c. **OFFER 79AN**—One plant each of the 5 for \$1.85.



5 CLEOME FOR SHOW

CLEOME PINK QUEEN—ekb(2-5)48. On every stem each new afternoon a whorl of airy, spidery blossoms opens; great trusses in soft salmon pink, becoming white the next day. Like all Cleomes, it is easy and long in bloom. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c.

CLEOME GOLDEN—ekb(3-5)60. A towering, branching airiness of filigree blossoming in golden orange. An unusual Cleome coloring, and a strikingly decorative plant. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 60c.

GREAT PINK CLEOME—ekb(2-5)60. Stately plants. each of the several stem-branches ending in a great airy raceme, ever-lengthening of strikingly decorative

flowers in brilliant rose. *Illustrated opposite*. Pkt. 15c; 1/8 oz. 35c.

CLEOME SNOW CROWN—The last with flowers of purest, snowy white, no slightest tinge of pink. Long in bloom. Pkt. 20c; 1/16 oz. 35c.

OFFER 66A—One pkt. each of the four for 60c.

3 COOPERANTHES

Horticulturists of India have produced interesting hybrids between **COOPERIA** and **ZEPHYRANTHES**, two beautiful genera of summer-flowering bulbs that are sometimes known as the Fairy Lilies. Shadings and blendings in white, blush pink, and creamy yellow may be expected. "x" or "w" culture. Pkt. 20c; 1/16 oz. 60c; 1/8 oz. \$1.00.

5 COBAEA SCANDENS—Cathedral Bells. k. Quick annual climber of much beauty, filled with bell-shaped blossoms of rosy purple. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

5 STRAWBERRY CORN—x. A miniature Corn with 2-inch mahogany red ears that look like big strawberries. Grown for winter bouquets. Will pop. Pkt. 20c.

CLERODENDRON

Wide divergencies here. **SPECIOSISSIMUM**—w. (Fallax). *Illustrated opposite.* Graceful panicles of brilliant scarlet blossoms at intervals throughout the year. No more showy pot plant. 6 seeds for 25c. Plants, each \$1.10. **THOMSONAE**—(Balfouri)—Few more beautiful pot plants than this. Flowers of richest crimson, set off by snowily white calyces. A long, profuse bloomer. Easily handled. Plants, each 85c. **JAPONICUM**—This oriental species makes a showy large pot plant. Branching panicles of bright scarlet flowers. Pkt. 20c. **COLEBROOKIANUM**—Tender shrub for mild climates. Flowers rose-purple to white, followed by blue berries. Pkt. 20c. **TRICHOTOMUM**—k(4)10 feet. Handsome, quick shrub of full outdoor hardiness at Philadelphia. Large panicles of white, Phlox-like flowers with purple calyces, followed by berries of shining peacock blue. Pkt. 15c; $\frac{1}{4}$ oz. 40c. **BUNGEI**—Called Kashmir Bouquet from the fragrant blossoms of rich rose pink. North it behaves as a root-hardy perennial, to 40 inches, growing new blooming stems each year. Hardy at Philadelphia, but in colder areas give winter protection. In mild climates, as California, it becomes a shrub. Plants, each 70c; 3 for \$1.90.



5 COLEUS FOR COLOR 2

Grown for the decorative foliage, brightly or richly colored. Valued as a pot plant, or for outdoor bedding. Culture "w."

AVALON STRAIN—Foliage colorings varied and brilliant, leaves of medium size. Markings and stainings of salmon, apricot, pink, rose, cream, carmine, purple, copper. Pkt. 20c; $\frac{1}{32}$ oz. 60c; $\frac{1}{16}$ oz. \$1.00; $\frac{1}{8}$ oz. \$1.75.

OLD ORCHARD STRAIN—Here the leaves are particularly large, the colorings always rich and dark, in effect of brocade. Maroon, weathered copper and purple-toned crimson dominate. Pkt. 20c; $\frac{1}{32}$ oz. 60c; $\frac{1}{16}$ oz. \$1.00; $\frac{1}{8}$ oz. \$1.75.

COLEUS FREDERICI—A rare and beautiful Coleus, grown as a pot plant for the graceful, rather showy, racemes of blue-violet flowers. Green foliage. Plants, each 75c.

5 CONVULVULUS (Morning Glory)

CONVOLVULUS—ek. Desirable diversities. **2 MAURITANICUS**—7 inches. Not a vine. Everblooming. Deep blue cascades. Rock garden, porch box, hanging basket. Pkt. 20c. **5 BLUE ENSIGN**—12 inches. Upright, quick showy annual. Not a vine. Upfacing indigo blossoms. Pkt. 15c. **5 MAJOR MIXED**—The old-fashioned Morning Glory, a handsome, speedy, annual vine, unsurpassed for quick, gracefully draped, covering of trellis or fence. Varied, intensely bright colorings. Pkt. 10c; $\frac{1}{4}$ oz. 20c. **5 TRICOLOR MIXED**—12 inches. Low, upright Annual. Blue flowers with yellow and white throat. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

5 COMMELINA or SKYFLOWER 3

All Commelinas bloom surely the first year from seed, and may be treated as Annuals, although really somewhat tender perennials. All are exceedingly showy and longblooming. The Coelestis varieties make roots like little Dahlia tubers, and these may be stored over winter in the cellar, and planted out in spring for extra quick start. **COELESTIS BLUE**—25 inches. Branching plants filled for months with flowers of the deep blue of a summer sky. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c. Tubers, 3 for 40c; 9 for \$1.00. **COELESTIS WHITE**—25 inches. Masses of enamel-white flowers. A beauty. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Tubers, 3 for 40c; 9 for \$1.00. **CRISPA**—10 inches. A lower variety for bedding or edging. Enormous numbers of massed blue flowers that remind of butterflies. Good in rock garden or window box. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. **DIFFUSA**—Makes a pretty pot, window box or hanging basket plant, or it may be used effectively in the garden. Particularly large, wavy blossoms in brightest blue, or rarely orchid rose. Pkt. 20c. **OFFER 70A**—One pkt. of each for 65c.

5 COSMOS FOR CUTTING

And there is no annual flower that seems more precisely made for just that purpose. Then, too, it is long decorative in the garden. "x" culture. **NEW CRIMSON SCARLET**—An English introduction with flowers of purest crimson-scarlet, without any purple undertone, a rich, clear color. An early blooming sort. 36 inches. Pkt. 25c. **YELLOW FLARE**—Showy, early-flowering clear yellow. Pkt. 10c; $\frac{1}{8}$ oz. 20c. **ORANGE RUFFLES**—Glowing orange flowers with sometimes three petal rows, giving a ruffled effect. Early bloomer. Pkt. 10c; $\frac{1}{8}$ oz. 20c. **SENSATION**—Particularly large flowers with fluted petals, in pink, white and crimson. Quick from seed to bloom. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. **RADIANCE**—Attractive bicolor. Big flowers of rich rose with zone of deep maroon about the center. Pkt. 15c. **EARLY CRESTED DOUBLE**—Flowers with high center crests in Anemone fashion, with some that are fully double. Pink, white and crimson in mixture. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. **FAIRY QUEEN**—English variety of densely bushy, branching habit, growing only to 30 inches, the mass filled with medium-size flowers of soft pink. Delightful for garden or landscape use. Makes an unusual annual hedge. Pkt. 20c; 3 pkts. for 50c. **OFFER 71A**—One pkt. each of the above for 90c.

COSMOS SPECIAL BLEND—A mixture containing seeds of each and all of the kinds and colors above, with others. Plant much of it for cut flower use. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

BLACK COSMOS—ex. *Cosmos diversifolius nigra*. Medium-size flowers of darkest, velvety, black-maroon. 25 inches. Blooms quite quickly from spring sown seeds. Also usually makes clusters of little root-tubers, and it may be carried over winter by storing in manner of Dahlia tubers. Pkt. 25c.

5 CORAL FLOWER



Effects of exquisite, jewel-like daintiness. Even the deep green, succulent foliage is decorative. Many slender, 30-inch stems bear little five-pointed stars of luminous rosy pink, these in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral beads, hundreds of them on each great glowing plume of a stem. A single plant may throw 30 or more of these great, bright plumes. Effective over a three to four month period. Usually grown as a garden annual, but makes a good house plant, too. *Illustrated opposite.* The seeds are tiny. Pkt. 20c; $\frac{1}{32}$ oz. 30c; $\frac{1}{16}$ oz. 50c.

FOR BANKS AND HILLSIDES

CORONILLA VARIA is a rather handsome, spreading perennial of full winter hardiness, that will keep any bank or slope from washing, covering it with a rich, billowing green-ness of pinnate foliage. In June and early July come crown-shaped clusters of pretty blossoms in Cosmos pink. Growth is swift and dense, smothering coarse weeds, and the quick root network prevents soil erosion from heavy rains. Thrives in poor, dry soils. The flowers cut and keep well. "x" culture. Seeds, pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, root divisions, 4 for \$1.00; 10 for \$2.00; 25 for \$4.25; 100 for \$16.25; 250 for \$31.00.

1 COREOPSIS

Easy hardy perennials of a desirable diversity. They cut. "kt" culture. **AURICULATA**—(8)8. Few better dwarf perennials, everblooming, hardy, desirable foliage, bright flowers of rich golden tone. Pkt. 25c. Plants, each 50c. **ROSEA**—(3-4)8. Little daisies of silvery pink over a foliage turf that is low, aromatic, ferny. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **SAXICOLA**—(8)35. The August Daisy. Effect of *C. grandiflora*, same glossy, golden flowers, but better carriage and later, longer blooming. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. Plants, each 40c; 3 for \$1.10; 10 for \$3.00. **TRIPTERIS**—(3-4)84. Splendid tall, late-flowered species for screen plantings, or for the back of the border. Long-rayed flowers of softest yellow, the centers brown. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c; 3 for \$1.20. **VERTICILLATA**—(2-3)30. The lovely Fern-Coreopsis. Finely cut green foliage, buff-roseate in new growth. Butter-yellow flowers. A slow growing, long lived perennial. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 50c; 3 for \$1.40. **GRANDIFLORA**—(2-3)28. Bright yellow. The usual Coreopsis of gardens. Very good species for the mixed border for cutting. Often used for naturalizing, thriving when broadcast. Pkt. 10c; $\frac{1}{4}$ oz. 20c; 1 oz. 60c; $\frac{1}{4}$ lb. \$1.80. **GRANDIFLORA DOUBLE**—The large and showy yellow flowers come mostly semi-double to fully double. Pkt. 15c. **OFFER 67A**—One pkt. each of above for 80c.

*2 **CORONILLA GLAUCA**—rbk(w)(8)32. Compact, glaucous-leaved plant with handsome yellow flowers, these fragrant. Will need protection North. Pkt. 20c.

2 **CORDYLINE TERMINALIS MIXED**—w. Decorative pot plants, grown for colorful foliage effects. Big, gracefully carried, elliptical leaves that may be all green, or show markings and suffusions of white, cream, rose, crimson, wine. A mixture of seeds from several growers. Pkt. 25c.

1 **COTULA SQUALIDA**—Desirable low, hardy plant from New Zealand, for rock gardens, or carpeting. The densely packed, foliage featherings are bronze in sun, green in shade. Plants only, each 40c; 3 for \$1.10.

4 **CREPE MYRTLE**—k. Lagerstroemia indica. Exceedingly handsome blossoms, ranging from pink to near crimson. Wood-hardy to about Washington. Farther north it behaves as an herbaceous perennial, flowering freely on the current season's stems. Pkt. 15c; 1/2 oz. 25c.

5 **CREPIS RUBRA MIXED**—A quick and pretty annual flower is the Pink Dandelion. The blossoms really look like large Dandelions, clear white or pure pink. Pkt. 15c.

1 **CREMANTHODIUM RENIFORME**—rbstkt(2)20. Desirable Himalayan daisy with rather large, solitary flowers of golden orange, carried on purple-shaded stems above shining, cordate leaves, that are white below. Pkt. 25c.

1 **CYANANTHUS LOBATUS**—rstkt(3)9. Lovely rock garden semi-trailer with upfacing, recurved blossom-bells of powder blue. Sprays of it, foliage and flower, are like decorative, formalized floral designs. Himalayan alpine. Pkt. 25c.

2 **CURCULIGO CAPITULA**—w. Distinctive pot-plant ornamental with gracefully arching, oddly tremulous foliage and drooping clusters of yellow star-shaped flowers. Pkt. 20c.

2 **CRUCIANELLA STYLOSA**—erk(2-3)5. Many clusters of little starry flowers in crimson-toned pink. A hardy, rock garden perennial from Persia. A fine-leaved mat-former. Pkt. 20c. Plants, each 50c; 3 for \$1.40.

THE VARIED CUPHEAS

Interesting, colorful, and exceedingly floriferous plants, for the annual garden, or the Cigar Plant as a house plant.

5 **CUPHEA AVALON HYBRIDS**—ecbx(8)20. One of the better annual flowers. The curious blossoms come in a season-long profusion, and the color range, in gradations of shade and tone, is of rather amazing extent. There will be lavender, lilac, white, pure pink, rose purple, crimson, and intense fire scarlets. The plants seem to be covered with fluttering, brightly hued, butterflies. *Illustrated above.* Pkt. 15c; 1/4 oz. 25c; 1/2 oz. 40c.

5 **CUPHEA FIREFLY**—Very like the last, but averages a bit more dwarf and compact, and the flowers are all of a fire red, exceedingly brilliant. Makes a good pot plant, being actually a tender perennial, or it may be grown as a garden Annual. Pkt. 20c; 1/4 oz. 30c; 1/2 oz. 50c.

5 **CUPHEA LANCEOLATA**—ecbx(8)40. As attractive as the last, but quite different, taller, with intricately wrought blossoms, two large petals of velvety black-maroon, four smaller petals of brilliant crimson. Pkt. 15c; 3 for 40c.

2 **CUPHEA PLATYCENTRA**—(C. ignea). ew(8)10. Called Firecracker Flower or Cigar Plant. An almost incessant bloomer, tubular flowers in brightest red, each with white tip. A desirable pot plant, or used in window or porch box. Pkt. 25c. Plants, each 45c; 3 for \$1.20.

PRETTY CORYDALIS

Dainty cousins of Bleeding Heart. "kt" culture.

CORYDALIS HALLERI—8 inches. Early spring delight for the rock garden. In late March come compact racemes of rosy purple flowers above fern-like foliage. Will form considerable clumps with time. A hardy perennial growing from tuberous roots. Pkt. 20c; 1/4 oz. 40c; 1/2 oz. 75c.

CORYDALIS AUREA—6 inches. Airy golden flowers in spring. Attractive Annual. Sow in autumn or earliest spring. Pkt. 20c; 1/4 oz. 40c.

CORYDALIS SEMPERVIRENS—25 inches. Airy, everblooming. Annual. Charming blossoms, mostly pink with golden tips, but sometimes all yellow. Pkt. 20c; 1/32 oz. 35c.

CORYDALIS CHEILANTHIFOLIA—10 inches. Rare Chinese perennial for the rock garden. Bright yellow. Hardy. Pkt. 25c.

OFFER 68A—One pkt. each of the four for 75c.



4 **CRYPTOMERIA JAPONICA**—k 125 feet. Handsome pyramidal Conifer, the Temple Evergreen of Japan. Bright green foliage. Young seedlings are sometimes grown as pot plants, giving effect of Araucaria. Pkt. 20c; 1/4 oz. 45c.

3 **CURTONUS PANICULATUS**—k(3)40. Densely-flowered panicles of red and yellow. A summer-flowering bulb that will usually winter in the open if well mulched. Pkt. 20c.

1 **CUTHBERTIA GRAMINEA**—7 inches. A pretty little perennial for the shaded rock garden. Many upfacing flowers of bright rose pink all summer long. Plants, each 50c.

CYATHEA MIXED—w. True Ferns that make short or long trunks with a handsome crown of fronds at the top. They make decorative large pot plants for sun room or conservatory. Called Tree Ferns. Spores germinate freely, making attractive plants by second season. For cultural directions, see heading **FERNS TENDER**, this catalog. Spores of mixed Cyathea species, pkt. 35c; 3 pkts. for \$1.00.

3 **CYCLOBOTHRA FLAVA**—15 inches. Pendant, inch-wide bells of bright yellow on branching stems. Easy summer-flowering bulb for full sun. Store over winter in a frostproof place. Bulbs, 3 for 35c; 10 for \$1.00.

1 **CYNANCHUM ACUMINATIFOLIUM**—A handsome plant, making eventually big clumps that are sheafs of flowers for months. The profuse blossoms are waxy creamy-white, starry in form. Plants, each 50c; 3 for \$1.40.

3 IFAFA LILY

In South Africa they call it Ifafa Lily, but to the botanist it is **CYRTANTHUS**, a pretty bulb-flower of the Amaryllis family. The blossoms are slender, waxen trumpets, carried in clusters, *see illustration opposite*. Easy for pot culture, blooming freely year after year. We offer four kinds. **LUTESCENS**—Soft, glossy yellow. **ROSEUS**—Salmon pink. **MACKENI**—Ivory white. **HOWARD VARIETY**—Red-toned orange. Supplied as potted bulbs at 45c each or all 4 for \$1.60.



3 DAINTY CYANELLA

Charming little bulb-flowers from the Cape of Good Hope, blossoms in mauve, blue, rosy lilac and yellow. Makes a nice bulb for flowering in pots under glass, but it may be grown in the rock garden, too, if given protection. Pkt. 20c.

GAY CYCLAMEN

2 **CYCLAMEN GIANT-FLOWERED**—w. A splendid strain for pot culture, brilliantly colored flowers of great size, not excelled, we believe, by any other. Glorious color range. Fragrant blossoms above ornamental foliage. 6 seeds for 25c; 14 for 50c; 30 for \$1.00; 100 for \$2.95.

1 **CYCLAMEN HARDY BLEND**—kt. Here are winter-hardy kinds for the outdoor garden. Flowers are smaller than those of the tender Cyclamen, but as exquisite in form. Delicately fragrant. Blossoms may be white, pink, rose or crimson, foliage often marbled or undulate. A delightful rock garden plant. 10 seeds for 25c; 33 for 75c; 100 for \$2.00.

1 EASY CYNOGLOSSUM 5

All of the Cynoglossums may be treated as annuals, and some of them are truly so, as the Amabiles. Others will live for years. **AMABILE BLUEBIRD**—25 inches. Chinese Forgetmenot. Lustrous indigo. Pkt. 15c. **AMABILE PINK**—The last in pleasing lilac-rose. Pkt. 15c. **AMABILE SNOWBIRD**—Here the sprays are snowy-white. Pkt. 15c. **AMABILE PEERLESS**—Unsegregated color variations in blue from palest to deepest, white and suffusions, rosy tints. Pkt. 15c; 1/6 oz. 25c. **NERVOSUM**—20 inches. Deepest blue-azure. Hardy perennials of high garden merit. Pkt. 20c; 3 pkts. for 50c. **ZEYLANICUM**—28 inches. Decorative, silvery foliage with arching sprays of as silvery blue flowers above. Pkt. 15c; 3 pkts. for 40c. **OFFER 73A**—One pkt. each for 75c.

CYPELLA HERBERTI

Tigridia cousins with undulate, shell-shaped blossoms in blended tan, old gold and brown. *Illustrated page 2.* Blooms first year from seed, and will force nicely as a pot bulb, being then in bloom most of the year. Also does well in garden, wintering in open ground from Philadelphia, south. Pkt. 25c. Potted bulbs, each 40c; 3 for \$1.10.

2 CYPHOMANDRA BETACEA—w. Rare tropical fruit that may be grown as a large pot plant. Fruits are size of a large egg, tawny orange with purple stripes, skin tough, pulp soft and rich, flavor between that of the Tomato and the large English dessert Gooseberries. Pkt. 15c.

4 CYTISUS or BROOM

Gorgeous in blossoms, decorative in foliage. "kt" culture. **SUPINUS**—Crown Broom. 30 inches. Fully hardy. A crown-shaped cluster of golden flowers ends each of the many branches. Surest of the Brooms in cold, difficult places. Pkt. 15c. Plants, each 50c. **MULTIFLORUS**—Spanish Broom. Pretty cream-white flowers. Give sheltered position. Pkt. 15c. **SCOPARIUS PEERLESS**—80 inches. Selections of Scottish Broom. Attractive blossoms in creamy yellow, lemon and golden orange, with others that carry red to velvety crimson shadings. Odd, whip-like stems that hold emerald green coloring all winter when cut. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **BATTANDIERI**—60 inches. Golden Lilac. Foliage silvery, glistening. Long, dense sprays of golden yellow. Pkt. 25c. **PURPUREUS**—25 inches. A low shrub, hardy to at least Boston, that carries rose to purple flowers. Pkt. 20c; 3 pkts. for 50c. **OFFER 74A**—One pkt. each of the above for 80c.

3 DAHLIAS FROM SEED

They are easy, usually blooming first year, and you can have a lot of fun in growing them from seed. They will all be pretty, and you may get one worthy of naming.

DAHLIA PEERLESS DOUBLES—Saved from fine, large-flowered semi-doubles to fullest double blossoms in full Dahlia color range. Good things should come from this. There will almost surely be some that you will want to keep and propagate. 10 seeds for 25c; 35 seeds for 70c; 100 seeds for \$1.90.

DAHLIA MINIATURE MIXED—Strain of dainty baby Dahlias for cutting or bedding, running to about 25 inches, blossoms mostly semi-double, but sometimes fully double, rarely single. Color variation and coverage is amazing, including canary, buff, apricot, pink, rose, scarlet, purple with flakes, suffusions, variegations. Quick as any annual from seed to bloom. *Illustrated opposite.* Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Tubers, spring, mixed only, each 35c; 3 for \$1.00; 10 for \$2.75; 25 for \$6.00.

QUEEN OF MOORLAND—Dwarf, with rich, dark foliage. Flowers mostly double, in shades of scarlet, crimson and maroon, with rarely a yellow or lavender. Pkt. 20c; 3 for 50c.



3 DAHLIA ROOTS

For sheer, spectacular beauty, sometimes perhaps almost overpowering in magnificence of size and color, the large-flowered Dahlias stand alone. Here are nine of the better sorts, supplied in standard root-divisions or started plants. **MARSHALL'S PINK**—Massive pink decorative with underlying apricot tone. Each 65c; 3 for \$1.80. **WATCHUNG GIANT**—An immense, full, variety with rather pointed petals, bright yellow, deepening at the center to a gold so deep it hints of orange. Each 55c; 3 for \$1.50. **MRS. I. DE VER WARNER**—A truly superb sort in soft orchid lavender. Each 55c; 3 for \$1.50. **JERSEY BEAUTY**—Splendid, large flower in deep, rich pink. Each 55c; 3 for \$1.50. **LE TOREADOR**—Large-flowered decorative in glowing red-scarlet. Each 40c; 3 for \$1.10. **AVALON**—Flowers of great size in clear lemon yellow. Each 45c; 3 for \$1.20. **JEAN KERR**—Purest white blossoms of medium size, long in the stem, and wonderful for cutting. Each 40c; 3 for \$1.10. **BRONZE BALL**—Fine, large show Dahlia in pure yellow, deepening to rosy bronze at petal edge. Each 50c; 3 for \$1.40. **JANE COWL**—Big, shaggy flowers of buff and gold that show tones of salmony copper at center. Each 60c; 3 for \$1.65. **OFFER 76AN**—One each of the nine Dahlias, marked with names, for \$4.10.

DAHLIAS FINE MIXED—A really good mixture that includes many named sorts. It will give colorful garden display, and a harvest of showy blooms for cutting. 3 for \$1.00; 10 for \$2.90; 25 for \$6.75.

5 DAHLBORG DAISY (Golden Fleece)

Delightful everblooming low plant, grown in the garden as an Annual, and unsurpassed for close edgings, bedding, or as a rock garden filler. Myriads of tiny daisy-blossoms in a 24 carat gold tone, over mounds of aromatic fern-foliage, 6 inches. Sow early. May also be grown as a pot plant, behaving then as a perennial. *Thymophylla tenuiloba*. Pkt. 20c.

1 SHASTA DAISIES

Soundly hardy, long-lived perennials, satisfactory for mixed border planting and for cutting. Big daisies, often 4 to 5 inches across, pure white, or rarely faintly creamy. Seeds saved from singles of high merit. *ecbk(2-4)30*. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. Plants, fine, large flowered singles, long in stem, with petals of heavy texture. Each 40c; 3 for \$1.10. **MOUNT SHASTA**—Splendid full double, in bloom for months. High-centered flowers of purest white. Plants, each 65c; 3 for \$1.85. **EDGEBROOK GIANT**—Single white, blossoms of immense size. Probably the largest-flowered of all the Shasta Daisies. Long stems. Plants each 70c.

ANGEL-TRUMPET or DATURA

They are easy, showy flowers, all to be grown as annuals, save for the last two. "k" culture. **CERATACAULA**—25 inches. Big, handsome, pale blue trumpets. Water in dry weather, since it needs more moisture than any of the others. Pkt. 30c. **METEL**—40 inches. Easy annual with big, pure white trumpets. Pkt. 15c. **CHLORANTHA TRUMPET-IN-TRUMPET**—Blossoms intensely double-ruffled, opening in a shade near golden yellow, becoming buff to creamy yellow. Particularly long blooming season. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. **METELOIDES**—Big, perfumed trumpets of roseate lavender. Pkt. 15c; $\frac{1}{8}$ oz. 25c. **FASTUOSA DOUBLE MIXED**—Double trumpet-blossoms in lavender, white, cream, pale purple. Easy annual. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **SUAVEOLENS**—Great White Angel-trumpet. Many pendant, fragrant, snowy trumpets to a foot of length. Large pot or tub culture. May be plunged in border in summer. Pkt. 20c; 3 pkts. for 50c. **ARBOREA**—Rather like last, and to be cultivated and used same way. Pendant trumpets to 9 or 10 inches, white with green lines in reverse. Foliage in mature plants gives effect of being dusted with powder. Andes. Rare. Pkt. 25c. Young plants, each 50c. **OFFER 77A**—One pkt. each of above for \$1.00.

4 DAVIDIA or DOVE TREE

DAVIDIA INVOLUCRATA, a rare and handsome hardy tree from central China. Great, showy flower-bracts of creamy white that resemble resting doves. Large, nut-like seeds that are slow to start, often lying in the ground for one full year before germinating, but pretty sure to grow eventually. Offered subject to arrival. Seeds, each 35c; 3 for \$1.00; 7 for \$2.00.

5 THE ANNUAL DELPHINIUMS

Though annual, and easy, they are very different from the regular Annual Larkspur, offered elsewhere in this catalog. **CARDIOPETALUM**—15 inches. Open, branching plants carry all summer long, many little spires of green-tipped violet blossoms. Rock garden. Pkt. 25c. **ORIENTALE**—35 inches. Masses of blossoms in rich Tyrian purple. Blooms late spring. From Kurdistan. Pkt. 20c. **PANICULATUM**—35 inches. For several months there are loose, airy panicles of dark blue flowers. Pkt. 25c. **OFFER 82A**—One pkt. each of the three for 60c.

1 THE CHINESE DELPHINIUMS 5

They are strains of *Delphinium grandiflorum* (formerly known as *chinese*). Compared with other Delphiniums they are low growing, and they bloom so quickly the first year from seed that they are usually handled as Annuals. Actually they are fully hardy perennials, although their normal life span is rarely more than 2 or 3 years. "x" culture. **AZURE FAIRY**—12 inches. Flowers of brightest azure blue, the blue of deep summer sky. Pkt. 15c; $\frac{1}{16}$ oz. 30c. **WHITE BUTTERFLY**—12 inches. Low, branched plants with pure white flowers. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **CAMBRIDGE BLUE**—30 inches. Chinese Larkspur. A taller sort, valued for cutting. Blossoms of Beladonna-blue on much branched plants. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **BLUE MIRROR**—18 inches. Deep navy blue, the richest shade here. Pkt. 20c; 3 pkts. for 50c. **OFFER 81A**—One pkt. each of the four for 50c.

1 HARDY DIANTHUS

The delightful Garden Pinks, all perennial and winter-hardy. "x" culture. Splendid for rock garden, bedding or edging; attractive in foliage, beautiful in flower. They cut. ALLWOODI—Cross of Carnation and Clove Pink. Colorings widely inclusive, always beautiful. Perfumed flowers, single to double. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. ARENARIUS—(2)6.

Foliage densities like ruffled, silver-green velvet. Fringed, creamy flowers, with the richest, sweetest fragrance to be found in Dianthus. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, each 45c; 3 for \$1.20. *Illustrated opposite.*

ARVERNENSIS—(2)5. Mossy mats are set with little dentate flowers, usually of rosy pink. An exquisite. Pkt. 25c. Plants, each 50c. CARTHUSIANORUM GIGANTEUS—(3-4)40. Tallest Dianthus species. Clusters of shining, mahogany-toned buds open to rose-colored blossoms. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, each 40c. DELTOIDES MONTANUS—(2)6. Maiden Pink. Dense, bright green mats are thickly set with vivid little flowers, deep rose to deep red. Pkt. 20c. Plants, each 40c. DELTOIDES WHITE—Flowers usually pure white, but at times with faint blush suffusion. Pkt. 20c. Plants, each 45c. DELTOIDES ERECTA—Compact growing bright red. Valued for bedding, edging, rock garden, even for ground cover since it makes a dense, fine, green foliage growth. Pkt. 15c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c. DELTOIDES BRILLIANT—Here the flowers are of a particularly vivid, glowing red. Pkt. 20c. HACHIJOENSE—7 inches. Rare and exceedingly beautiful Japanese species with unmarked flowers of fire-scarlet. A true perennial, and about as near everblooming as any Dianthus can well be, blooming right through summer heat, and in mild climates, even through much of the winter. Pkt. 35c; 3 pkts. for \$1.00. HIGHLAND HYBRIDS—(2-4)12. Magnificent strain of hardy Pinks, the flowers of particularly large size, and coming in wide assortment of beautiful forms, delicate to richly vivid colorings, self or zoned, varied pink and rose tones dominating. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60; 25 for \$8.25. JAPONICUS—16 inches. A long-lived perennial with rather short, glossy leaves and attractive ground-rosettes of shining leaves. Long-stemmed flower-clusters, rather like those of Sweet William, come in quite a range of attractive colorings. A true perennial. A good cut flower. It blooms right through summer drought and heat. Pkt. 20c; $\frac{1}{16}$ oz. 50c; $\frac{1}{8}$ oz. 85c. JAPONICUS WADA HYBRIDS—16 inches. New Hybrid strain, Japonicus crossed with the Carnation. Flowers of fine size and form. Rich in clear salmon and rose pinks, with reds and scarlets. May be considered as everblooming. Pkt. 35c; 3 pkts. for \$1.00. KNAPPI—(2-4)14. Really lemon yellow, a coloring unique in Dianthus. A species both long-lived and long in bloom. Pkt. 25c. Plants, each 50c. LATIFOLIUS ATROCOCINEUS—(2-4)12. Erect plants with deep green foliage bear closely clustered double flowers of glowing live-coal red. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, each 45c. LONGICALYCINUS—(3-4)25. Diffuse plants with pink to rose blossoms, fringed in extravagant laciness. Blooms summer to early autumn. Pkt. 15c; $\frac{1}{16}$ oz. 25c. MONSPESSULANUS—(2-3)12. The Ragged Rascal Rock-pink. A free-blooming and decidedly showy species. Large flowers, deeply slashed and fringed, in varied pleasing tones of pink and rose, sometimes with white markings. Masses of attractive foliage. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. Plants, each 50c. PLUMARIUS IPSWICH STRAIN—(2-3)12. The delightfully perfumed Clove Pink, an old favorite with flowers usually single to double, in many delightful changes of coloring and marking. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. SEGUERI—(3-4)18. Notched blossoms, pink to carmine, flecked white and maroon. In pretty much continuous bloom from early summer into mid autumn. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c. SUBCAULIS—(2)6. Desirable rock garden species. Low, dense, blue-green mounds, set with pink to rose blossoms, petals dentate. Pkt. 20c. Plants, each 45c. SUPERBUS—(3-4)20. Fragrant rosy pink flowers deeply filigree-fringed. It cuts. Pkt. 15c. SUPERBUS WHITE LACE—(3-4)20. Big, fragrant, pure white blossoms, deeply lace-fringed. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 45c; 3 for \$1.20. WINTERI—(2-3)10. Fine hybrid strain, Clove Pink with Carnation. Particularly large flowers, mostly single, in varied colorings and blendings. Long in bloom. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 45c; 3 for \$1.20. OFFER 83A—One pkt. each of above as offered in seeds, for \$3.60.

DIANTHUS ROCK GARDEN BLEND—Lower kinds, for rock garden or bedding. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 55c.

DIANTHUS PEERLESS BLEND—Seeds of all the kinds we grow, low and taller alike. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

DIANTHUS AVALON ROSE—A splendid double-flowered variety with spicily fragrant blossoms in a delightful silvery rose. It makes spectacular wide mounds of bloom. Of full vigor and hardiness. Plants 60c; 3 for \$1.65.



DIANTHUS ARENARIUS

DIANTHUS BEATRIX—An exquisite everblooming double with fragrant, shell pink blossoms. Plants, each 55c.

DIANTHUS CANTON RED—Fine single flowers of true red with slight white stippling, upfacing on short, sturdy stems. A vigorous, floriferous sort of close, compact growth. Fully hardy, long blooming, long-lived. Plants, each 50c.

DIANTHUS SILVERMINE—A lovely, and rather vigorous everbloomer with sweetly scented flowers of purest white. Very like Beatrix save in color, but perhaps a bit more robust. Plants, each 50c; 3 for \$1.40; 10 for \$4.15.

DIANTHUS WALLACE RED—10 inches. A free-blooming brilliant crimson, semi-double, compact, in almost constant flower. Soundly perennial. Each 60c.

DIANTHUS ABBOTSFORD—Double, fragrant flowers of white-splashed crimson. Plants, each 50c; 3 for \$1.40.

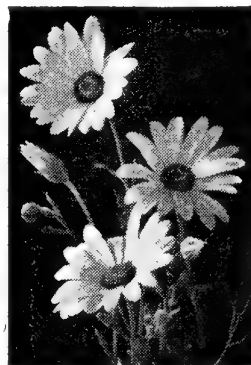
DIANTHUS ROSE CUSHION—A miniature, only 3 or 4 inches high. Dense, rounded cushions of deep rosy pink. Right for the rock garden. Plants, each 50c; 3 for \$1.40; 10 for \$4.15.

DIANTHUS SPRING DELIGHT—Fringed double blossoms of medium size in pure, soft pink. Sweetly fragrant. A dainty delight. Plants, each 55c.

GARDEN OF PINKS—One plant each of the 23 kinds offered above in plant form, for \$10.00. Order as OFFER 80AN.

5 DIMORPHOTHECA 2

The Dimorphothecas are showy, long-petaled daisies from South Africa, to be grown as Annuals. *Illustrated opposite.* "kt" culture. SINUATA—Easiest, and altogether charming. Three months of flowers in glossily rich orange. Pkt. 15c; $\frac{1}{16}$ oz. 25c. KINGENS—(3)14. Glistening, white 4-inch flowers are ringed violet and centered orange-and-black. Pkt. 20c. AURANTIACA HYBRIDS—(3)14. Tones of apricot, salmon, ecru, cream, copper, rosy suffusions, pure and smoky yellows, orange. Amazingly color-variable, and as amazingly beautiful. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{4}$ oz. 50c. OFFER 87A—One pkt. each of the three for 40c.



DIMORPHOTHECA JUCUNDA—(8)12. Clear rosy mauve are the big, long-stemmed daisy-flowers. Makes a delightful, ever-blooming pot plant, or may be grown in garden. It winters outside at Philadelphia if well mulched, starting to bloom in early spring. Plants, each 60c.

2 VENUS FLYTRAP

2 DIONAEA MUSCIPULA—The Venus Flytrap makes an interesting pot plant. The leaves are truly trap-like, the two halves center-hinged and edged with long bristles. When the leaves are touched, the halves fold together until the bristles interlock. Attractive white flowers. Supplied only in small, single-crown plants. These have naturally scanty roots, but pot them firmly in a mixture of sand and peat, keeping this damp, and they will soon increase to fill the pot. Pkt. 25c; 3 pkts. for 70c. Plants, usually available April through August, each 55c; 3 for \$1.50.

5 TEXAS GILLIFLOWER

The pretty white blossoms suggest those of Stocks, but here the ever-lengthening clusters are broader, more rounded. In bloom through months of summer heat, each plant a bouquet. Botanically DITHYREA WISLIZENII. k(w)20. Blooms through drought and heat. Pkt. 20c; $\frac{1}{16}$ oz. 35c.

4 THE PERSIMMONS

Desirable trees with edible fruits. "yt" culture. VIRGINIANA—American Persimmon. Hardy in Massachusetts. Golden orange to red fruits, in the better forms sweet and rich. $\frac{1}{4}$ oz. 15c; 1 oz. 50c. LOTUS—Date-plum of China, the edible fruits being used for drying. Numerous small, black fruits. Hardy to about Long Island. $\frac{1}{4}$ oz. 15c; 1 oz. 50c. KAKI—The Japan Persimmon. In the better forms the fruits look like orange tomatoes. Flavor and consistency rather like a sweet custard. Hardy to southern New Jersey. $\frac{1}{4}$ oz. 15c; 1 oz. 50c. OFFER 88A— $\frac{1}{4}$ oz. each for 40c; 1 oz. each for \$1.25.

4 **DAPHNE MEZEREUM**—48 inches. k. Fragrant, silky blossoms of soft purple in early spring; then scarlet berries. A showy, hardy shrub. Pkt. 15c; $\frac{1}{4}$ oz. 35c.

4 **DENDROMECON RIGIDUM**—yt(3)84. Tree Poppy. Evergreen shrub that bears golden poppy-blossoms. Requires careful winter protection in the north. Pkt. 20c.

1 **CHINESE POPPY**—erk(8)20. It is *Dicranostigma Franchetianum*, from mountains of China and northern India, and really only a distant cousin of the true poppy. A long-bloomer. Tangled branchings above white-marbled leaves, are filled for months with poppy-like flowers of imperial yellow. Pkt. 20c.

2 THE TELEGRAPH PLANT

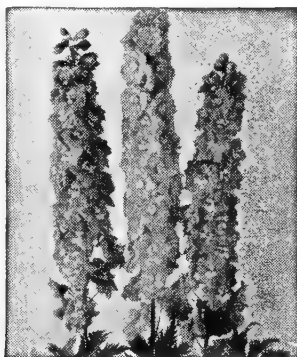
DESMODIUM GYRANS—w. Quite attractive panicles of violet flowers. In bright sunlight the lateral leaflets move up and down as though signaling by semaphore. To be grown as a pot plant under glass in the north. Pkt. 25c.

1 THE HARDY DELPHINIUMS

AVALON BLEND—*ecbx(2-4)60. Widest range of color and form of any of our blends of Giant Delphinium. Includes Hollyhock Strain, Blackmore and Langdon selections, Giant Pacific Hybrids, with just a small bit of Belladonna for informal cut flower delight. Varied beauty here in full Delphinium coverage. Pkt. 25c; $\frac{1}{16}$ oz. 70c; $\frac{1}{8}$ oz. \$1.20.

WREXHAM HOLLYHOCK STRAIN—ebx(2-4)70. Stately plants with big flowers in long, close, spire-like spikes. A high proportion will be double. Full color range, from pale to deepest blue, with pastels, mauves, lilacs and lavenders. A fully satisfactory strain for every garden use. Pkt. 25c; $\frac{1}{32}$ oz. 40c; $\frac{1}{16}$ oz. 70c; $\frac{1}{8}$ oz. \$1.20; $\frac{1}{4}$ oz. \$2.00. Plants, flowering size, each 50c; 3 for \$1.40; 10 for \$4.10.

BELLADONNA—*ecbx(2-4)50. This is the Cliveden Beauty, a Delphinium of particular value for cutting. Large, single flowers of exquisite blue-turquoise in loose, graceful spikes. Pkt. 15c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 70c.



GIANT PACIFIC HYBRIDS—*ecbx(2-4)60. Flowers of great individual size, practically all double, well-placed on the several branching stems. The range of colorings is inclusive, delicate pastels showing along with rare hue and tone. A West Coast selection. *Illustrated above.* Pkt. 35c; $\frac{1}{32}$ oz. 50c; $\frac{1}{16}$ oz. 95c; $\frac{1}{8}$ oz. \$1.70. Plants, each 50c; 3 for \$1.40.

GIANT PACIFIC COLOR GROUPS—Special color segregations in this fine strain. **GALAHAD**—Pure white. Pkt. 30c; $\frac{1}{16}$ oz. \$1.00. **BLACK KNIGHT**—Here are the rich, dark blues and violets. Pkt. 30c; $\frac{1}{16}$ oz. \$1.00. **SUMMER SKIES**—Varying tones of azure and sky blue. Pkt. 30c; $\frac{1}{16}$ oz. \$1.00.

LAMARTINE—ecbx(2-4)55. A rugged, easily grown strain of high value for cutting. The blossoms of bright indigo blue with creamy centers, are single, of large size, and carried in attractive, rather informal spikes. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

CARDINALE—bkt(3)40. Blossoms of glowing scarlet, helmet shaped. Full sun. Needs winter protection. Pkt. 20c.

MACROCENTRON—ecbkt(3)70. The Emerald Delphinium. Big-centered blossoms that are usually sea-green with cobalt shadings, but there may be variations from emerald to violet. Distinctive species from African mountains. Pkt. 50c.

NUDICAULE—rkt(3)25. Loosely swung blossoms that may come in buff, peach or scarlet. Slow germinator. Pkt. 25c.

OFFER 78A—One pkt. each of the above for \$2.55.

5 ANNUAL DIANTHUS

The gay Annual Pinks in rainbow-painted hues that may be clear tones of pink, salmon, scarlet, crimson, white, or patterned in those bizarre chromatic grotesqueries that hold such endless interest. Contrasting edgings, fantastic lacings, and zonings there will be. We offer an inclusive mixture, from immense singles with long fringe slashings to others double as a Carnation. ecbx(8)12. Order as **DIANTHUS OLD ORCHARD ANNUALS**—Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

DIANTHUS HEDDENSIS—A tetraploid hybrid, Heddiwigi crossed with Chinensis, that gives unusually large flowers, on long robust stems. Full color range. Particularly good for summer cutting. Pkt. 20c; 3 pkts. for 50c.

1 DICENTRA or BLEEDINGHEART

Hardy, tuberous-rooted perennials of much charm. "yt" culture. **CHRYSANTHA**—(2-3)60. Golden Eardrop. High clusters of inverted golden hearts over silvered foliage. Spectacular. Full sun. Sow in position. Pkt. 20c; 3 pkts. for 50c. **EXIMIA**—(2-4)16. Plume Bleedingheart. Plumes of rose-colored heart-flowers over slashed evergreen foliage. Sun or light shade. Pretty much everblooming. One of the more desirable perennials. Pkt. 15c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25. Plants, each 50c; 3 for \$1.40. **SPECTABILIS**—(1-2)20. The true Bleedingheart, perhaps most charming flower of its season, a plant of present beauty and of pleasant memories. Gracefully curved sprays of big, pendant, rose-colored heart-blossoms, tipped white. In full spread of bloom, a lovely thing. Pkt. 25c; $\frac{1}{16}$ oz. 65c; $\frac{1}{8}$ oz. \$1.10. Plants, each 85c; 3 for \$2.40; 10 for \$7.50. **FORMOSA**—(2-4)12. Nodding sprays of pink hearts above ferny foliage. Pkt. 20c. **OFFER 84A**—One pkt. each of the above for 65c.

DICENTRA OREGANA—(8)10. Delightful everbloomer with silvered foliage and pretty heart-blossoms of rose-suffused cream. A fully hardy exquisite for rock garden or other positioning. Shade or sun. Long-lived. Pkt. 25c. Plants, each 75c.

DICENTRA SWEETHEART—(8)12. Blossom-hearts of purest whiteness, in graceful plumes above foliage of translucent sea-green. This rare variety of *Dicentra formosa* blooms May into November. Shade tolerant. Sweetheart *Dicentra* was named by this firm. Plants, each \$1.00; 3 for \$2.90.

1 DODECATHEON or SHOOTING STAR

Fragrant blossoms in something of *Cyclamen* form, the petals thrown straight back as though by thrust of air in swift meteoric passage. A truly delightful spring flower for rock garden or for many another use. *Illustrated opposite.* Colorings range from suffused whites, through pink and lilac, to purple. "kt". Pkt. 25c; $\frac{1}{16}$ oz. 65c; $\frac{1}{8}$ oz. \$1.15.

DODECATHEON MEADIA—Fragrant, clustered flowers, pale pink to suffused rose. Pkt. 25c; $\frac{1}{16}$ oz. 65c. Plants, each 45c.



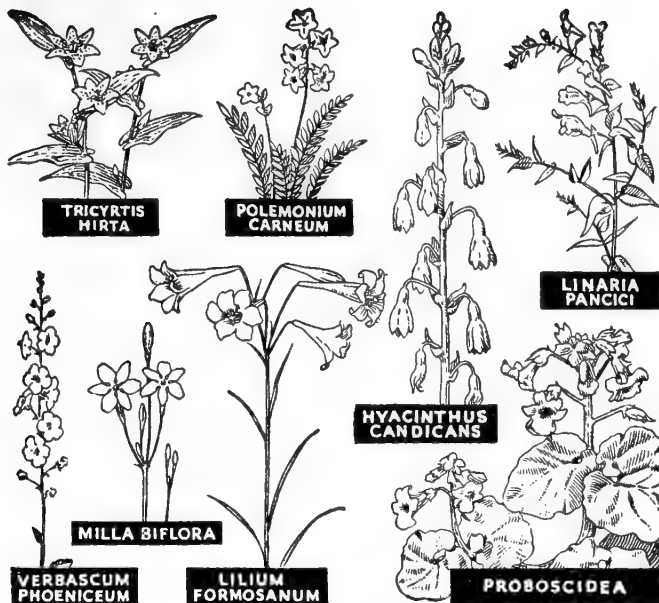
1 DICTAMNUS

Old garden favorites of many folk-names, Dittany they are called, or Fraxinella, or Burning Bush, or Gasplant, but to botanists they are Dictamnus. They cut well, and few perennials have longer life, the plants becoming stronger and better each year. 36 inches. The showy, lemon-scented flowers yield in warm dusks an ignitable, flashing gas. "kt" culture. **ROSE FORM**—Racemes of large flowers in rich rose, veined red. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 70c; 3 for \$1.90. **WHITE FORM**—We do not know of a better white-flowered perennial. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 65c; 3 for \$1.80. **MIXED COLORS**—Seeds only, rosy red and white in mixture. Pkt. 15c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c.

1 DIGITALIS, including Foxglove

Here are friendly, long-time favorites, "x" culture. **AMBIGUA**—(3)40. Spikes of fairly large, soft yellow flowers with a few brown markings. Pkt. 20c. **THAPSI**—(3-4)20. Charming Spanish species, a true and long-lived perennial for rock garden or the front of the mixed border. Fountain-like plants are filled with informal blossoms that open buff-tinged cream, suffusing gradually to a strawberry pink. Full hardiness. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 60c. **LAEVIGATA**—(3-4)40. Big, lobed flowers of straw yellow, netted with red-brown. Pkt. 20c. **GIANT SHIRLEY FOXGLOVE**—(2)60. The oldtime Foxglove in giant selection; big blossoms in closely imbricated placement. There will be white, varied pinks to deepest rose, often charmingly spotted. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. **NEVADIENSE**—(3)40. Long-lived Spanish species. Many slender, willowy, one-sided racemes of pure yellow flowers. Pkt. 25c. **LANATA**—(3)40. Loose spikes of rather large flowers in soft cream, reticulated brown-orange. Pkt. 20c. **PURPUREA MONSTROSA**—Fine large flowers in shades of pink, rose, and purple, with white, each spike showily topped with a rosette of similar bloom. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **FERUGINEA**—(3)70. Spectacular species of much decorative merit, easy to grow, though rather short lived. Towers of bloom, imbricated masses of creamy yellow flowers, each overlaid with a heavy netting of ruddy-brown lines. Pkt. 20c; 3 pkts. for 50c. **OFFER 86A**—One pkt. each of the above for \$1.35.

DIGITALIS BLEND—All the above, with like others, in mixture. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.



5 DIASCIA BARBERAE—erk(3-4)15. Exquisitely formed blossoms of clear salmon pink with golden markings, are long carried on slender-stemmed, airy graceful plants. Garden annual, or a good pot plant. Pkt. 20c.

5 DIDISCUS COERULEUS—ex(3)18. Blue Lace-flower. Big, lace-like dome-clusters of little blue flowers. It cuts. Pkt. 10c; $\frac{1}{8}$ oz. 35c.

2 DIDYMOCARPUS MIXED—w. Rare Malayan Gesneriads for pot culture. Attractive flowers in the lilac, blue and violet range. Give African Violet treatment. Pkt. 75c.

DIPSACUS FULLONUM—ecbnx(2-3)60. Big, decorative, blue flowerheads. The dried seed heads are effective in winter bouquets. Biennial. Pkt. 15c.

3 DIPIDAX TRIQUETRA—w(2)10. Charming Cape bulb with wide flowers of pink-flushed white. Pot plant. Pkt. 20c.

1 DOUGLASIA MONTANA—ryt(1)5. Tufted rock garden perennial. Mounds of daintiest pink in spring. Pkt. 20c.

1 DRABA REPENS—(Sibirica)—erkt(1)5. In early spring the low, green mats are set over with a rippling canopy of little golden flowers. Plants, each 50c; 3 for \$1.40.

1 DRABA MOLLISSIMA—rk. A pretty, downy-leaved species from the Caucasus with hosts of little golden flowers. A delight in the rock garden. Pkt. 25c.

2 DRACAENA AUSTRALIS—w. Excellent pot plant, or for accents in lawn vases, porch boxes, etc. Long leaves, sometimes parti-colored. *Dracaena indivisa* of horticulture is this, but botanically it is *Cordyline*. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

2 DRACAENA DRACO—w. Dragon Tree. Long, crowded, sword-shaped leaves. In juvenile stage makes an effective decorative plant for the conservatory. 8 seeds, 25c.

2 DRACAENA GODSEFFIANA—Decorative pot plant of high merit and easy handling. Firm, oblong leaves of a true emerald green are contrastingly splashed and dotted with white. From the Congo. Plants, each 75c.

1 DUCHESNEA INDICA—Low, hardy plants with "strawberry" foliage, spreading by runners. Golden flowers followed by shining red fruits carried above the leaves. Rock garden or carpeting. Sometimes used in hanging baskets. Pkt. 15c.

3 DIERAMA or WAND-BELL 1

Pretty bells of blush, pink, rose, red or amaranth, sway pendant from the 4-foot willowy stems all through late summer. Though a South African Irid, *Dierama* seems to be thoroughly winter-hardy in the garden at Philadelphia. In colder areas, protection of leaves or litter would be advisable. Offered in mixture. Pkt. 20c; $\frac{1}{8}$ oz. 40c. Plants, each 50c.

1 SHOWY LEOPARDBANE

It is *DORONICUM EXCELSUM*. Great Leopardbane, a spring-flowering perennial of much beauty. Big, showy blossoms to 4-inch diameters, on long stems, in shining golden orange. Desirable for border decoration and for cutting. 50 inches. Plants, each 55c; 3 for \$1.50; 10 for \$4.50.

DORONICUM CAUCASICUM—25 inches. Particularly free-blooming species with showy, rich yellow flowers. Pkt. 25c.

5 LIVINGSTONE DAISY—k(3)8. *Dorotheanthus bellidiformis*. Pretty little succulent Annual for full sun, with fluffy blossoms in pink, rose, red or white. Pkt. 15c.

1 DRACOCEPHALUM NUTANS—erx(1-2)9. Dense blue spikes are followed by a long-decorative showing of rosy violet bracts. Rock garden perennial. Pkt. 20c.

1 DRACOCEPHALUM RUYSCHIANA—erbx(3)18. Called "Hardy Blue Snapdragon", though belonging to a different plant family from the true Snapdragon. Big and showy blue-violet flowers in fat cluster-spikes. A beauty when in bloom. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c.

2 DROSANTHEMUM SPECIOSUM—Showy Dew-flower. Great quantities of flowers that open lavender-rose, soon becoming brilliant red-orange. Attractive, succulent foliage. Showy plant for pot, box, or hanging basket in full sun. Good, too, for summer bedding in hot, dry positions. Plants, each 50c; 3 for \$1.40; 10 for \$4.00.

2 DYCKIA BLEND—w. Desirable plants for pot culture, making dense rosettes of fat and highly glossy leaves, lightly spine-edged, the whole in particularly deep, rich green. One of the easier and better Bromeliads. Pkt. 20c; $\frac{1}{16}$ oz. 65c. Plants, each 45c; 3 for \$1.25.

5 ECCREMOCARPUS SCABER—*ek(w)(8)70. Glory-vine. Airy foliage and sprays of oddly lobed flowers in orange scarlet. Charming pot or hanging basket plant, or it may be grown outside on a low trellis. Pkt. 20c.

3 ERYTHONIUM MIXED—stryt(1). Trout Lily, or Dogtooth Violet. Recurved flowers in cream, lemon, gold, lavender, rose, purple. Charming little spring-bloomers for a shady corner. Pkt. 15c; $\frac{1}{8}$ oz. 30c. *Illustrated opposite.*

1 ECHINACEA PURPUREA—ecdbx(3)45. Showy flowers with reflexing rose-purple petals from high cone centers. Long-lived border perennials of great hardiness. Synonym *Rudbeckia purpurea*. Pkt. 20c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 45c. Plants, variety **THE KING**, an improvement in size, and blossom coloring over the type, each 60c; 3 for \$1.65.

1 ECHINOPS—ebx(3)70. The decorative Globe Thistles. **EXALTATUS**—Big heads of metallic blue. Boldly handsome. Pkt. 15c. **NIVEUS** (*Sphaerocephalus*)—Soft silvery blue. Acanthus-like foliage. Pkt. 15c; $\frac{1}{8}$ oz. 25c. Plants, each 40c. **RITRO**—Here the flowers are of the most intense, deep blue, a rich coloring that you will like and remember. Pkt. 20c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. Plants, each 45c.

5 THE ECHIUMS—Showy, easy Annuals, in bloom from late spring until past mid-summer. Fantastic hills of bloom, blossoms in multitudes of odd crosier-sprays. 20 inches. Varieties of *Echium plantagineum*. "k" culture. **BLUE BEDDER**—Tones of intense blue. *Illustrated page 5*. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. **WHITE HILLS**—Here enamel white flowers build up into undulate snowy hills. The Echioms are of particular effectiveness when used for color massing. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

2 ECHIAM WILDPRETI—w. North, best grown as a large pot plant. Narrow, downy leaves from which rises a 20 inch stem, topped with a big, spike-like cluster of pale red flowers and floral leaves. Unusual, and striking. Pkt. 25c.

2 VARYING ECHEVERIAS

Six attractive pot plants with curling racemes of pretty flowers above rosettes of thick and crispy, succulent foliage. **GLAUCA**—Large, flattened rosettes of blue-glaucous, succulent leaves, often with narrow edge of purple toward the leaf tip. Little flowers, pink without, yellow within. Each 40c. **DERENBERGI**—Dense, silvery rosettes, each leaf red-tipped. Pretty orange pink flowers. Plants, each 40c; 3 for \$1.10. **WEINGARTI**—Here the rosettes are dense, compact, built of thick, succulent leaves in the darkest and richest of shining emerald greens. Plants, each 40c. **MULTICAULIS**—Distinctive species with thick, red, branching stems, each branch topped by a fat, rose-toned rosette. Flowers red-orange, but soft yellow within. Plants, each 40c; 3 for \$1.10. **ELEGANS**—Called Ghost Flower from the eery look of it at dusk. Rosettes of silvery white. Dainty little flowers of apricot tone. Plants, each 40c; 3 for \$1.10. **PULVINATA**—As different as it well could be. The thick, fat leaves are covered with down in effect of silver-green velvet, but red-shaded toward the leaf tip. Scarlet flowers. Plants, each 40c; 3 for \$1.10. **OFFER 91A**—One plant each of above for \$2.15.

ECHEVERIA SEEDS—Seeds of ornamental Echeverias in mixture, saved from varied assortment. Pkt. 20c.



1 EDRAIANTHUS DALMATICUS—erx(2-4)4. Wheel-bell. From foliage tufts radiate, spoke-fashion, stems that end in clusters of upfacing, purple bells. Pkt. 20c.

1 ELSHOLTZIA STAUNTONI—eochx(4)40. In September the candelabrum branches fill with fluffy, attractive purple bloom-spikes. Pleasingly aromatic. A showy plant that can also be grown as a shrub. From China. Pkt. 15c; $\frac{1}{16}$ oz. 30c. Plants, each 55c.

4 ENKIANTHUS CAMPANULATUS—Hardy shrub with many little bells in spring of buff-orange with red veinings. In autumn foliage becomes rich red. Azalea culture as to both soil and growing from seed. Pkt. 25c.

3 ERANTHIS HYEMALIS—rkt(1)7. Winter Aconite. Pretty, little, hardy bulb-flowers that are in bloom at first hint of spring. Upfacing, golden blossoms in green ruffs. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

1 ERINUS ALPINUS—*erstx(2-3)5. Jewel-flower. Dense, mounded cushions of miniature bloom in glowing blue-violet. A long-bloomer just right for the rock or wall garden. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

1 ERINUS ALPINUS CARMINEUS—Like the last save in color, being a bright rose-carmine. Pkt. 25c.

1 ERIOPHYLLUM LANATUM—kt(93)16. Oregon Sunshine. A profusion of little golden daisies over white-woolly foliage. Likes dry places and full sun. Pkt. 20c.

1 ERYNGIUMS MIXED—ex. Ornamental flowerheads in tones of blue, including azure. For bizarre decorative effects in garden, or to cut. Includes many fine kinds, some of them rare species from South America. Leavenworthi not included. Pkt. 15c; $\frac{1}{8}$ oz. 35c.

5 PURPLE DECORATIVE 1

Showy flowerheads of richest, glowing purple-violet are subtended by jagged bracts in the same deep glorious shade. Plant it for striking decorative effects, as it grows in the garden, or cut. It is *ERYNGIUM LEAVENWORTHII*. *Illustrated opposite.* Sown very early, this blooms first year. Sown late, it blooms the next year. Pkt. 20c.



1 GRACEFUL EPIMEDIUM

The Epimediums are charming rock garden perennials for either shade or sun. So graceful is the foliage that just cut sprays of it are decorative. **NIVEUM**—7 inches. Exquisite foliage, with intricate blossoms that are like little snowy Orchids. Plants, each 50c; 3 for \$1.40. **ALPINUM RUBRUM**—10 inches. Lovely foliage, set with somewhat starry, dark red flowers. Plants, each 50c; 3 for \$1.40. **PINNATUM ELEGANS**—9 inches. Foliage in the usual, decorative, open form, set with flowers of soft yellow. Plants, each 55c. **MACRANTHUM VIOLACEUM**—9 inches. Slightly larger blossoms, all of a soft violet. Plants each 55c; 3 for \$1.50. **OFFER 72AN**—One plant each of the four for \$1.90.

1 ERIGERON

Attractive race of low hardy daisies. The blossoms have long, narrow petals. "kt" culture. Mixed. Pkt. 20c; 3 pkts. for 50c.

1 ERIGERON MULTIRADIATUS—18 inches. Rare Himalayan with large, long-rayed violet flowers. Pkt. 20c.

1 ERIGERON KARVINSKIANUS—18 inches. Half-decumbent mat-former with many wiry-stemmed daisies, white, becoming pink-tinged. Pkt. 20c.

1 ERIGERON FLAGELLARIS—8 inches. Mats of prostrate, whip-like, leafy stems from which rise multitudes of tiny daisies in lavender-flushed white. For sunny, dry positions; rock garden or ground cover. Pkt. 20c. Plants, 3 for 70c.

1 ERIGERON AURANTIACUS—rkt(3)9. Handsome species with showy semi-double flowers of brilliant orange. Pkt. 25c.

1 ERIGERON SPECIOSUS—15 inches. Handsome species. Many stems, sheafs of them, carry unusually large, upfacing blue daisies to $2\frac{1}{2}$ inch diameters. Many slender petals. Pkt. 20c. Plants, each 55c; 3 for \$1.50.

OFFER 96A—One pkt. each of five species for 80c.

5 ESCHSCHOLTZIA (California Poppy)

Sow for glorious, summer-long color. There are no easier or gayer Annuals, and none that better stand sun and drought. The flowers are satiny cups, the foliage fine, fern-like. Color range includes yellow, orange, cream, bluish, pink, rose, flame, mahogany. A fair proportion will be double. 12 to 18 inches. "k". Order as *ESCHSCHOLTZIA SUPERBLEND*—Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.40.

1 EREMURUS or FOXTAIL LILY 3



By mid-June the magnificent spike of *Eremurus robustus* that has so strikingly accented the border, is losing its hundreds of airy, pink star-blossom, but the nearby *Eremurus Bungei* will be opening the rich gold of its pyramid spires and the lower buds of the Shelford Hybrids will show varied lovely tones of apricot, salmon and coppery orange. *Eremurus* is of full winter hardiness here, and there is little difficulty to the growing of it, providing seed is sown so that it has long exposure to cold. The roots go fully dormant in summer. Seedlings take at least three years to reach flowering size; but they are long lived, once happily established. "yt" culture. *Illustrated opposite.* **ELWESIANUS**—6 ft. Softest pink. A splendid early. **ELWESIANUS ALBUS**—6 feet. Snowy white. **BUNGEI**—5 ft. Spikes of gold-orange stars. **ROBUSTUS**—8 ft. Hundreds of individually large rose-pink stars are packed in tall spires. **HIMALAICUS**—8 ft. Dense spikes of fragrant, snowy stars. **SPECIAL HYBRIDS**—This, the Shelford group, is latest to bloom. Rich in delectable apricots, salmon tints, orange, coppery tones, with pure or suffused whites. **HIM-ROB**—Fine Himalaicus-Robustus hybrid. Tall, slender spikes of faintest pink. **UNIFORM PRICE**—Any of the above, pkt. of 20 seeds for 25c; 100 seeds for 80c; 250 seeds for \$1.75. **OFFER 92A**—One pkt. each of the seven kinds for \$1.60.

EREMURUS PEERLESS BLEND—All above, with perhaps others, 20 seeds for 25c; 100 seeds for 75c; 250 seeds for \$1.60; 500 seeds for \$3.00; 1000 seeds for \$5.70.

1 ERICA or HEATH

1 ERICA CARNEA—rk(8)12. Splendid hardy Heath that is close to everblooming, seldom without its pretty little rose colored bells, even blossoming during mild periods of winter. The plants are evergreen, with needle-like leaves of deep emerald; the plant-form an irregular mound. Does not require special soil treatment. "kt" culture. Pkt. 20c; 3 pkts. for 50c. Plants, each 70c; 3 for \$2.00; 10 for \$6.00.

1 ERICA CINEREA—ratk(2-3)14. Evergreen plants of many twisted branchings. Clusters of showy violet flowers. Pkt. 20c.

1 ERICA STRICTA—atr(3)24. Corsican Heath. Summer-blooming species, loaded then with purple bells. Many upright branches, set closely with green needle-leaves. Winter-hardy at Philadelphia. Pkt. 25c.

1 ERICA DARLEYENSIS—Winter Heath. Densely branching plants with dark "fir" foliage and multitudes of little lilac-pink bells all winter and into spring. An attractive pot plant, or it will winter outside at Philadelphia. Plants, each 75c.

2 ERICA MIXED CAPE HEATHS—The other kinds are hardy, but this group is tender, grown only under glass in the North. Most handsome plants with delightful, variably colored flowers. Soil should contain sand and peat. Pkt. 25c.

OFFER 94A—One pkt. each of the four so offered, for 75c.

1 ERODIUM or HERON-BILL

Hardy treasures of the Geranium persuasion. "kt."

AMANUM—(2-3)12. Silvered leaves, deeply slashed and jagged; with lax-flowered sprays above, most brilliantly white. 6 seeds for 25c.

MANESCAVI—erbkt(8)15. Vivid blossoms of flaming rose-purple month after month. Aromatic, feathery foliage. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c.

CHAMAEDRYOIDES ROSEUM—Truly a rock garden gem, the rounded, feathery cushions of plants set profusely with little, rose-veined pink flowers from late spring until well into autumn. It prefers full sun, and endures drought. In colder areas it is good to protect the planting with litter or leaves during winter months. Plants only, each 50c; 3 for \$1.40; 10 for \$4.20.

PELARGONIFLORUM—erk(w)(8)12. Distinctive, upright species with blossoms in reminder of Martha Washington Geranium, white, the upper petals with pink spots. Will need winter protection in most areas. Pkt. 25c.

5 EUPHORBIA MARGINATA—ex(8)36. Snow-on-the-Mountain. Showy Annual with white-edged leaves, the terminal floral leaves all pure white. Pkt. 10c; ¼ oz. 35c.

5 EUPHORBIA HETEROPHYLLA—Fire-plant or Annual Poinsettia. Each of the branching stems ends in a whorl of dominantly fire-scarlet floral leaves. Pkt. 15c; ½ oz. 25c.

2 EUPHORBIA SPLENDENS—Crown-of-Thorns. A long-lived, attractive pot plant with many spiny stems that will twine about stakes or a tiny trellis placed in the pot, in intricate twistings. The "flowers," in many small clusters, are brilliant orange scarlet, and the plants are rarely without a show of color. Plants, each 60c; 3 for \$1.70.

2 EXACUM AFFINE—w. A most attractive pot plant of fairly dwarf habit, bearing many sweetly perfumed flowers in a deep gentian-blue. The plant is a cousin of Gentian. Pkt. 50c.

1 HARDY PERENNIAL EUPHORBIAS

They are among the more desirable hardy perennials. "kt" culture. **POLYCHROMA**—At its best, there is, perhaps, no showier perennial. In spring the plants are 16-inch globes of golden floral leaves that seem to be bright flowers. Then come the multitudes of odd seed capsules in gayest red. In autumn the plants turn rich crimson. Pkt. 20c. Plants, each 50c. **CYPARISSIAS**—10 inches. Cypress Spurge. Each stem is like a miniature, dense Cypress. Ground cover or rock garden. Plants, each 40c; 3 for \$1.10.

MYRSINITES—Low decumbent, the many fat stems set with blue-green foliage. In spring each stem ends in a golden bloom-crown. Drought-resistant. Rock garden, terrace, bedding. *Illustrated opposite.* Pkt. 15c; ½ oz. 30c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. **COROLATA**—28 inches. High, airy panicles of little white flowers. Desirable in the hardy border. Also much used for cutting, in manner of Baby Breath. Pkt. 20c; 3 pkts. for 50c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **OFFER 97A**—One plant each of the four for \$1.60.



EUPHORBIA MYRSINITES

FIELD BOOK OF AMERICAN WILD FLOWERS—Mathews. Guide to the wild flowers of eastern America, Atlantic to central Kansas and Dakota. 590 pages, 400 illustrations. \$3.95.

1 ERYSIMUM LINIFOLIUM—erx(2)12. Spanish Wall-flower. Much-branched low plants are filled with dainty mauve to lavender blossoming. Pkt. 15c; ¼ oz. 30c.

4 EUCHARIS GRANDIFLORA—Lily of the Amazon. Waxen blossoms, pure white, sparkling, formed in suggestion of Daffodil. Sweetly perfumed. Handle as a pot bulb giving ample water and keeping from too much sun. May be brought into flower several times each year by giving a short semirist with scantier watering between bloom-bursts. Available year around. Bulbs, each \$1.10; 3 for \$3.00.

2 ERYTHRA CRISTA-GALLI—ew(3-4)60. Great flares of lucent coral rose. Pleasing foliage. An attractive plant. May be handled in tub or large pot the year around, but more usually it is grown in the summer garden, the semi-tuberous root carried over winter stored in dampish sand in a cool cellar. Large seeds, 5 for 25c; 15 for 50c.

EUONYMUS AVALON VARIETY—Shining evergreen leaves with wide splashes of ivory white. Branching, upright grower. A really fine foliage pot plant. Each 60c.

4 THE KEW EUONYMUS—A delightful and hardy evergreen creeper with tiny, shining, dark green leaves. Makes a wonderful ground cover, and thrives in either sun or shade. *Euonymus Fortunei Kewensis.* Plants, each 60c; 3 for \$1.65; 10 for \$4.90.

1 EUPATORIUM COELESTINUM—Mist-flower or Hardy Ageratum. Delightful, airy, sky blue. Shade tolerant. It cuts. 25 inches. Plants, each 45c; 3 for \$1.25.

1 EUPATORIUM RUGOSUM—cstkt(3-4)30. Flowers of fluffy pure white. Good in the mixed, hardy border, or for cutting. Full sun or open shade. Pkt. 15c. Plants, each 45c.

2 EUPATORIUM LIGUSTRINUM (*Weinmannianum*)—Airy, fluffy flower clusters of pure white, sweetly fragrant, that are still attractive as they go into the seed stage, becoming rose-colored then. Makes a splendid winter-flowering plant for the conservatory, or may be grown as a large pot plant in the sunny window. It cuts nicely. Pkt. 25c.

1 EULALIA GRASS—Ornamental perennial grass making big, decorative clumps to 7 feet. Valued for accents, backgrounds, screens, and the showy, silky seed-plumes for cutting. **VARIEGATUS**—Leaves with white, lengthwise stripes. Divisions, each 50c; 3 for \$1.40. **ZEBRINUS**—Leaves with white crosswise bandings. Divisions, each 50c; 3 for \$1.40. Seeds available, mixed forms, pkt. 20c; 3 for 50c.

1 THE BLUEBELL GENTIAN 5

A glorious beauty is the Bluebell Gentian, **EUSTOMA RUSSELLIANUM** or *Lisianthus*. Big, wide bells of clearest blue, purple-patched. As many as 80 flowers have been counted at one time on a well-grown plant. Usually blooms first year. 1kt-(2-3)30. Pkt. 20c; ¼ oz. 50c.

FERNS FOR THE HOUSE

See also Asparagus Fern, Cyathea, this catalog.

SILVER LACE FERN—*Pteris argyraea*. If the word "showy" could be applied to any Fern, it would be to this. Gracefully irregular fronds, twice pinnate, with a wide, silvery-white marking through each green leaflet. Plants, each 65c.

FIJI PLUME FERN—One of the rarer varieties is *Davallia fijiensis plumosa*, but we consider it the most beautiful, and the most satisfactory, of all house Ferns. The very many fronds are short, spreading, gracefully curved, with narrow pinnae in the richest and deepest of emerald greens, the whole mossy-feathery in effect. Thrives in an east window under ordinary house conditions. Well-grown plants from 4-inch pots, each \$2.50; 3 for \$7.00.

FERN SPORES TENDER BLEND—Spores of many desirable species and varieties of tender or pot-plant Ferns in mixture. Pkt. 35c; 3 pkts. for \$1.00.

TREE FERNS MIXED—The Tree Ferns have a true trunk, the fronds growing in a circle about it and as a crown. For several years in the juvenile stages they make attractive, and rather "different" pot plants. We offer spores in mixtures of species of *Cyathea*, *Alsophila*, *Hemitelia* and perhaps of other genera. Pkt. 35c; 3 pkts. for \$1.00.

FERNS ANDEAN SPECIES MIXED—Spores gathered in Colombia, and stated to be from a number of native Andean species of merit. Pkt. 35c; 3 for \$1.00.

FERNS FROM SPORES—Dust spores on surface of previously heat-sterilized soil. Cover with pane of glass and keep from direct sunlight until germination takes place. A temperature not greatly above or below 65 degrees is best. Ideal soil would be screened mixture of garden loam and humus (as woods-earth, peat, or rotted sods) with enough sand added to bring to open, friable state. Use water that has been sterilized by boiling, then cooled, for initial moistening. Further watering will likely not be needed until glass is removed. Then water from below.

THE HARDY FERNS

Here, without grace of bloom, we enter an older plant world, a charm of form and foliage with gaudy color adornment deleted, a restful world in suggestion of summer shade, moss-damp rock trickles and cool forest pools.

HARDY FERN PLANTS—These six are of full winter-hardiness, desirable for outdoor planting in the North. **ADIANTUM PEDATUM**—Maidenhair Fern, Dainty, shade-loving species, the delicate fronds divided into fan-like segments. Mulch about with leaves. **ATHYRIUM THELYPTERIOIDES**—Christmas Fern. Long, tapering fronds, deeply twice-cut. Prefers shade, and should have some mulching. **DENNSTAEDTIA PUNCTILOBULA**—Hay-scented Fern, so named from the pleasing fragrance of the dried foliage. Dense plants with broad-based, tapering fronds, thrice-cut. Prefers light shade but tolerates sun. **DRYOPTERIS SPINULOSA**—Wood Fern. Handsome evergreen fronds, thrice-pinnate. Nice for cutting. Prefers shade, but, well-mulched, tolerates sun. Will grow under evergreens. **ATHYRIUM FILIX-FEMINA**—The Lady Fern. Long, bright green fronds, bipinnate. Exceedingly variable; always beautiful. Prefers light shade. **ONOCLEA SENSIBILIS**—Sensitive Fern. Handsome, robust Fern with rather broad fronds in pleasingly irregular effect. Does well in full sun if mulched about the roots. **UNIFORM PRICE** of the above, each 60c; 3 of one kind for \$1.60. **OFFER 98A**—One plant each of the six hardy Ferns for \$3.15.

FERN SPORES HARDY BLEND—Mixture of many winter-hardy species. Easily grown, see directions under head Ferns from Spores. Pkt. 20c; ½ oz. 40c; ¼ oz. 75c.

1 FILIPENDULA HEXAPETALA — A delightful double-flowered Meadowsweet in snowiest white. Above fern foliage, 12-inch stems bear sprays of blossoms that might be frozen seafoam. Full hardiness. Charming in rock garden. Plants, each 55c; 3 for \$1.50.

1 FILIPENDULA RUBRA VENUSTA — 50 inches. Airy, pure pink flowers in graceful sprays. Altogether beautiful. Early summer. Long in bloom. Plants, each 55c; 3 for \$1.50.

2 FITTONIA ARGYRONEURA — Silver-net Plant. Easily grown and beautiful foliage plant for an east or north window. Requires no direct sun. Foliage of most velvety emerald green, netted with pure white veining. Plants, each 45c; 3 for \$1.20.

2 FICUS ELASTICA—w. Makes a most satisfactory decorative pot plant. Known as the **RUBBER PLANT**. Shining green foliage. Easy to grow, and always effective. Pkt. 20c; 3 pkts. for 50c.

5 FELICIA BERGERIANA—k(2)8. Kingfisher Daisy, called so from the brilliant kingfisher-blue of the flowers. A bright and showy South African Annual. Pkt. 20c.

1 FESTUCA GLAUCA OLD ORCHARD—Low, ornamental grass. The whole plant is dense, steel-blue, formally plush-like in the close packing of the blades. Makes a fine edger, or may be used in rock garden. Plants, divisions, each 40c; 3 for \$1.00; 10 for \$2.75; 25 for \$6.00.

3 THE PINEAPPLE LILY

It is **EUCOMIS UNDULATA**, unusual bulb for either summer garden or pot culture. It may be dug in autumn and winter-stored in manner of *Gladiolus*. Highly attractive foliage, crimped and frilled. From the center rises the thick, tight spike of flowers, cream with elfin green tintings. After the flowers go, the seed capsules that follow are hidden deeply in packed green bracts, the whole topped with another foliage rosette so that the thick spike looks like a green pineapple. ek(w)15. Rather easy from seed. Pkt. 25c; 3 pkts. for 70c; 10 for \$2.00. Seeds of two rare species can also be supplied, being **EUCOMIS PEDUNCULATA** at pkt. 30c and **EUCOMIS PUNCTATA** at pkt. 35c.

3 FRITILLARIA FOR GENTLE DELIGHT

Cousin to the true Lily, the genus **FRITILLARIA** holds many a charming exquisite. Flowers are usually recurved, but again bell-like. Variations in cream, yellow, rose, violet, scarlet or white, sometimes in tessellations. Rock garden or shade-edge colonies. "yt". Mixed. Pkt. 20c.

FRITILLARIA IMPERIALIS — yt. Crown Imperial. Circlets of pendant, showy bells, bronze, orange or crimson. 40 inches. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c.



4 THE RARE FRANKLINIA

The **FRANKLIN TREE** is a most attractive large shrub or small tree that thrives under Azalea conditions. It blooms in late summer and autumn, wax-white blossom cups with golden anther tassels. Foliage becomes scarlet in late fall. Grows naturally as a shrub, but can be trained to single stem in small tree form. Seeds sown in mixture of sand and peat, either under glass in winter, or outside in early spring, will usually germinate readily. 10 seeds for 25c; 50 seeds for \$1.10; 250 seeds for \$4.50. Plants, one-year size, each 90c; 3 for \$2.60.

FIGS FOR THE NORTH

You can grow your own Figs, even in the North, for the trees are almost hardy, and usually carry through well if given a position close to south side of a building, together with a protection of corn stalks or other material in winter. Figs grow quite quickly, and start fruiting at a fairly early age. In very cold areas can readily be grown under glass as a large pot plant, even then fruiting freely. This is **FICUS CARICA**, seeds saved from selected, edible sorts. Pkt. 20c; 1/16 oz. 50c. Plants, young stock, 7 to 15 inches, each 75c; 3 for \$2.10.

3 FREESIAS FROM SEED

Quick from seed, often flowering within six months after sowing. The sprays of perfumed flower-trumpets come in rainbow hues, primrose to gold orange, lavender, true blue, white, soft pink, carmine, rare sunset tones. Fine blend, ecw(7)16. Pkt. 25c; 1/16 oz. 40c; 1/8 oz. 75c.

2 FAUCARIA TIGRINA—Called Tiger's Jaw from the thick, triangular, opposed leaves, edge-set with curved, interlocking teeth. Big, fluffy, yellow flowers. An attractive and curious pot plant. Plants, each 40c; 3 for \$1.10.

4 GARDENIA JASMINOIDES—w. Cape Jasmine, known also as *Gardenia florida*. Evergreen shrub with fragrant flowers of waxy white, usually single in seedlings, but sometimes double. Winter-hardy into Virginia. Usually grown as a pot plant in the North. Pkt. 25c; 3 pkts. for 70c.

4 GARDENIA VEITCHI—Perhaps finest horticultural form of the lovely Cape Jasmine, *Gardenia jasminoides*. It is tender evergreen shrublet that bears a long succession of sweetly perfumed, large and double Camellia-like blossoms, pure white and with thick, waxy petals. Grown as a pot or conservatory plant. Good plants, each 75c; 3 for \$2.10.

2 GAZANIA EVERBLOOMING 5

GAZANIA HYBRID BLEND—erk(w)(8)9. Here is continuous, all summer brightness that fears neither drought nor sun. Green foliage rosettes, cottony below, are dominated by big daisies that vary from lemon to orange, even at times with red approaches. Usually the blossoms are zoned with a serrated banding of red-brown or of blue-black. In the garden *Gazania* handles as an easy, showy annual, but it makes a superb pot plant, too, being actually a tender perennial. Fine blend, hybrids and species. Pkt. 25c; 3 for 70c; 10 for \$2.00. Plants, pot-grown, each 50c; 3 for \$1.40.

2 THE RICH-TONED FUCHSIAS

CONSERVATORY BLEND—Pendant "eardrop" flowers in soft color tones, often two hues contrasting. Excellent window or conservatory plants, easy, long in bloom. Splendid mixture, saved from both single and double-flowered forms. Seeds are tiny. Pkt. of not less than 20 seeds, each 35c; 3 for \$1.00.

FUCHSIA PLANTS—Easy and beautiful flowering plants for window or conservatory. Three fine sorts. **LITTLE BEAUTY**—A rather dwarf and compact grower with mostly double flowers, sepals carmine pink, corolla close to blue. Plants, each 50c. **PRIDE OF ORION** A handsome sort, sepals of deep rose and corolla of pure white. Double. Each 50c. **BLACK PRINCE**—Reflexed sepals of rose pink, flaring corolla of carmine pink. Single. An easy grower, always good. Each 50c. **OFFER 101AN**—One plant each of the three for \$1.40. Three of each for \$4.20.

1 FUCHSIA MAGELLANICA — Pendant rosy blossoms, centered blue-violet, carried on gracefully diffuse plants, to 10 inches. Desirable in the rock garden. With protection of straw or litter, will winter outside well north. Also a good pot plant, flowers a little smaller than in the other sorts, but very many of them. *Illustrated opposite*. Plants, each 50c; 3 for \$1.40.



FUCHSIA SPECIES BLEND—Seeds of species (botanical) Fuchsias in mixture. Includes many unusual kinds from Andean highlands. Here will be Fuchsias of many forms and colorings, all of them attractive, most of them beautiful. Pkt. 35c; 3 pkts. for \$1.00.

5 GAILLARDIA ANNUAL

PICTA SINGLE MIXED — Gorgeous colorings, lemon to bronze maroon, in odd combinations. Pkt. 10c; 1/8 oz. 20c.

INDIAN CHIEF (Amblyodon)—Big single flowers of coppery maroon. Fine for cutting. Pkt. 15c.

PEERLESS DOUBLE MIXED—Curly ball-blossoms in varicid brilliant reds, yellows, oranges. Pkt. 10c; 1/8 oz. 20c.

1 GAILLARDIA PERENNIAL

Rich color. June to autumn. "x" culture. **PORTOLA HYBRIDS**—Big, long-stemmed flowers in varied metallic reds, gold-tipped. Pkt. 15c; 1/8 oz. 35c. Plants, each 40c; 3 for \$1.10. **SUNSET**—Showy bright yellow. Pkt. 15c. **BURGUNDY**—Usually wine red to maroon red. Best red sort. Pkt. 15c; 1/16 oz. 25c. Plants, each 45c; 3 for \$1.25; 10 for \$3.70. **GOBLIN**—A dwarf, compact sort. Yellow with red zone. Pkt. 15c; 1/16 oz. 30c. **TANGERINE**—Orange to copper. Pkt. 15c; 1/16 oz. 30c. **OFFER 102A**—One pkt. each of above for 65c. **SUNGOD**—Giant flowers, all of a golden yellow, no trace of red. Plants, each 50c; 3 for \$1.40.

2 FURCRAEA MIXED—Unusual cousins of Agave that make most decorative, large pot plants. Rosettes of succulent, sword-like leaves, sometimes toothed or spined, that may show color variations. Bulbils, 3 for 25c.

1 GALAX APHYLLA—rmstatyt(1)10. Ornamental foliage, that in spring is delicate green-yellow, in summer bronze, in autumn wine red. Sikes of cream-white flowers, tolerates sun but prefers shade. Plants, each 55c; 3 for \$1.50.

1 GALIUM VERUM—ex(3)25. The charming Golden Baby-breath. Tall sprays of airy, golden flowerlets over foliage of green lace. Delicate fragrance. Good cut flower. Plants, each 50c; 3 for \$1.40.

2 GASTERIA BLEND—Succulent pot plants, decorative in form and foliage. Piled rosettes of short, thick leaves that may be silvery green, glossy dark green, or with white markings and marblings. Pkt. 20c; 3 pkts. for 50c.

1 GAULTHERIA PROCUMBENS—yt(1)6. True Wintergreen. Creeping plant with evergreen foliage. In spring come white flowers, followed by red berries. Rock garden or ground cover. Likes shade. Pkt. 15c; ¼ oz. 50c.

1 GAULTHERIA TRICHOHYLLA—rstatkt(1-2)6. Delightful little rock garden plant from the Himalayas. The pink, urn-shaped flowers on the tangles of small-leaved, wiry stems are followed by berries of china-blue. Pkt. 25c.

5 GAURA LINDHEIMERI—ebx(8)35. Delightful flowers that might be big white butterflies with roseate tinge, sit in precarious airy perchings along the many slender stems, this effect for months on end. Pkt. 15c; ¼ oz. 25c.



THE FRINGED GENTIAN—Gentiana crinita—*rnstyt(3-4)25. Flowers of exquisite charm, with deeply fringed petals in misty sky blue to indigo. Late autumn or early winter sowings are best, though early spring sowings will often give adequate results. Does not transplant well, except when small. *Illustrated opposite.* Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

1 THE GENTIAN

Gentian for blue, blue for Gentian, almost the words are interchangeable. "kt" culture.

ACAULIS—7 inches. Royal blue trumpets of quite startling size on little, spreading plants. Blooms early. Particularly good. Pkt. 20c; ¼ oz. 50c; ½ oz. 90c.

ANDREWSI—(3-4)20. The Closed Gentian can be spectacular in well-grown, many-stemmed plants, each loaded with serried clusters of sealed-vase flowers in the most brilliant of vitreous blues. Rather easy. Pkt. 20c; 3 for 50c. Plants, each 50c; 3 for \$1.40.

ASCLEPIADEA—(2)12. The lovely Willow Gentian. Great sheafs of lithe stems, loaded with sapphire trumpets. Thrives in light moist shade, or almost equally well in full sun. Pkt. 20c; ¼ oz. 40c; ½ oz. 75c.

CRUCIATA—(3)15. Deep blue flowers of medium size, produced in such masses that they make a vivid showing. A fine, hardy, easy bedder. Pkt. 15c; ¼ oz. 30c; ½ oz. 50c. Plants, each 45c; 3 for \$1.20.

DAHURICA—(3)14. A really fine Gentian, and one of fairly easy culture. Flowers of rich, dark, blue. Does very well here in the Atlantic coastal plain, right in full sun. Should have mulching about the roots with grass clippings, straw or the like to give it the cool-soil root run it prefers. Pkt. 20c; 3 pkts. for 50c. Plants, each 55c; 3 for \$1.50.

FARRERI—(3)6. Exceedingly floriferous species from Himalayan slopes. Particularly fine flowers in a pure and luminous Cambridge blue, throat white. Pkt. 25c.

GRACILEPES—(3)10. Hardy and handsome Chinese species. Rich blue. Plants, each 55c.

HASCOMBIENSIS—(2-3)8. Splendid English hybrid. A free producer of big and beautiful blossoms in mid-blue. Does very well in New Jersey. Pkt. 25c; 3 for 70c.

LAGODECHIANA—(3-4)8. In bloom for many months, charming, wide-lobed blossoms that are luxuriant bells of deepest indigo. Not at all a difficult species, and definitely one of the more beautiful. *Illustrated opposite.* Pkt. 20c; ½ oz. 35c; ¼ oz. 60c.

LUTEA—lt(3)36. Starry golden flowers rise in dense clusters, whorl above whorl. For the mixed hardy border or larger rock garden. Pkt. 20c; ¼ oz. 35c; ½ oz. 60c. Plants, each 50c.



ORNATA—(3)6. An altogether lovely Gentian. Upfacing trumpets of deepest blue, with white throats. Pkt. 25c.

PHLOGIFOLIA—(3)15. A Gentian that will thrive in any garden. Medium-size flowers of deep blue, produced in abundance. Pkt. 20c. Plants, each 50c.

PURPUREA—(3)24. The weird "Red" Gentian. Clustered flowers of rather rich red-brown, with mottled shadings. The flowers are sweetly fragrant. Pkt. 20c; ¼ oz. 40c; ½ oz. 75c.

SAXOSA—Rare New Zealander. Large flowers, pure white, or white with purple flecks. Pkt. 30c.

SIKKIMENSIS—(2)9. Pretty mat-former from higher Himalayan foothills. Many upfacing blue bell-flowers with white throats. Pkt. 20c.



SCABRA BUERGERI—(3-5)16. Garland Gentian. Big, 5-lobed bells in a fine, deep blue are cluster-scattered along out-spraying stems in almost wreath effect. Fine, showy species, in bloom September into November. A good one. *Illustrated opposite.* Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

SEPTEMFIDA—(2-3)9. Amazingly beautiful, jagged flower-bells of lovely soft blue.

An enduring perennial of easy handling, becoming better year by year. Pkt. 25c. Plants, each 50c; 3 for \$1.40.

TRICHOTOMUM—(3)12. Handsome species from western China. Upfacing flowers in clusters of three are deep blue, with blue-spotted white throat. Pkt. 20c.

VERNA—(2)4. By many this little, spring-blooming, tufted perennial is considered the very finest of Gentians. Coloring is usually a vivid azure, but may vary. Pkt. 35c.

OFFER 103A—One pkt. each of the 18, for \$3.50.

GENTIAN BLEND—Includes seeds of most of the kinds here, with others as fine. Pkt. 20c; ¼ oz. 40c; ½ oz. 75c.

BOOK—GARDENING IN THE SHADE, Morse. How to do it. Detailed list of some 500 shade-tolerant kinds. Illustrated. \$5.00.

1 GENISTA HARDY DOUBLE GOLDEN—An altogether desirable low hardy plant to about 12 inches, carrying massed double golden flowers over a long period in late spring. Good foliage effects throughout season. Plants, each 60c.

2 GERBERIA JAMESONI HYBRIDS—k(w). Transvaal Daisy. Big and graceful daisy-flowers of many bright hues, and blending tones, salmon, orange, apricot, yellow, coral, pink, rose and scarlet. Often four inches across. North, usually grown as a house or conservatory plant, or plunged in the garden in summer, and wintered in a light cellar. 20 seeds for 20c; 50 seeds for 40c; 100 seeds for 75c; 250 for \$1.60.

2 GESNERIAD BLEND—w. The Gesneria family includes many genera and species of desirable and beautiful plants that may be grown and flowered in pots under glass. We offer a blend of many kinds, as of Isoloma, Chirita, Kohleria, Drymonia and including a group of unusual Gesneriads from Andean foothills. Pkt. 35c.

1 GILIA RUBRA—ebkt(3-4)50. Skyrocket Flower. Spectacular in the great spikes of coral-suffused scarlet flowers. Though naturally short-lived, it is an easy, fully winter-hardy perennial of magnificent showiness. *Illustrated opposite.* Pkt. 15c; ¼ oz. 25c; ½ oz. 40c.

1 GILIA AGGREGATA—bkt(3-4)36. Flowers that are flaunting, effulgent banners in scarlet, and buff. Hardy perennial. Pkt. 20c.

5 GILIA ANNUAL MIXED—ex(3)20. Easy, interestingly varied Annuals in pink, blue, lavender, white. Try this for happy surprise. Pkt. 10c; ¼ oz. 30c.

1 GILLENIA TRIFOLIATA—cbstkt(3-4)30. One of the better shady-place perennials, though it does well in sun, too. Graceful showers of loose blossom stars in white to palest blush. It cuts. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40.

1 GLAUCIUM PEERLESS HYBRIDS—*ecbx(2-3)30. Delightful perennials, treasured for the exquisite, silk-textured poppy-blossoms in lemon, orange or scarlet, and for the tangles of silver-frosted leafage. The foliage is so attractive that first-year seedlings are often handled as annuals, for edgings. Odd seed pods. Pkt. 15c; ¼ oz. 25c.



5 GINKGO BILOBA—y. 70 ft. Maiden-hair Tree or Salisburia. Odd ornamental tree of picturesque effect. Wedge-shaped leaves remind of Adiantum. Hardy to Canada. Large seeds. 10 seeds for 25c; 25 for 50c; 100 for \$1.50.

5 THE ORNAMENTAL GOURDS—x. Summer vines, quick from seed, fine for covering fences and trellises. Yellow flowers, then ornamental fruits in great diversity of form, size and coloring. The fruits are used for decorative effects, centerpieces and the like. They may be dried for the winter. Fine mixture. Pkt. 10c; ½ oz. 25c; 1 oz. 40c.

1 VIVID GEUM

Bright color for rock garden or border. Ex. BORISI—(2-4)9. Flowers like big strawberry blossoms in scarlet-toned orange. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c. COCCINEUM—(3)18. Long-stemmed single flowers in a gay, true red. Pkt. 15c; ¼ oz. 30c. PRINCESS JULIANA—18 inches. Double flowers of brilliant orange, so deep a shade that it hints of scarlet. Plants, each 55c; 3 for \$1.50. LADY STRATHEDEN—(2-3)20. An exceedingly bright golden orange, the blossoms semi-double. Pkt. 20c; ¼ oz. 35c. Plants, each 50c; 3 for \$1.40. MRS. BRADSHAW—20 inches. Large, double flowers of flaming scarlet. A striking, far-showy plant. Pkt. 20c; ¼ oz. 35c. Plants, each 50c. MONTANUM—(2-3)8. Foliage of green feathering, set with big, single flowers of bright yellow, shading to old gold. Then come decorative seed-plumes. Pkt. 25c; ½ oz. 35c. OFFER 106A—One pkt. each of the 5 in seed form, for 75c. OFFER 107AN—One plant each of the four in plant form, for \$1.90. GEUMS FINE MIXED—Good range of color and form, the above, with others. Pkt. 20c; ¼ oz. 35c.

1 TRUE or HARDY GERANIUM

They yield long display of handsome bloom, wintering without any difficulty well north, and giving a pleasant touch to the rock garden, or the border. All will stand full sun but all are shade-tolerant. Please don't confuse them with the frost-tender bedding or pot plants that the florist calls "Geraniums" for those are really Pelargoniums. The true Geraniums are winter-hardy, outdoor perennials. "kt" culture. *Illustrated opposite.* BLUE BEAUTY—(2-3)20. Rounded, bushy plants are mantled with big, blue-lavender flowers from June into August. A garden-effective hardy perennial for either sun or shade. Pkt. 25c; 3 pkts. for 70c. Plants, each 60c; 3 for \$1.60. EN-DRESSI—(2-3)18. Delightful rosy pink flowers of medium size. A long-bloomer from the Pyrenees. Pkt. 25c. MACULATUM—(2)25. Attractive flowers, mauve to lavender. Does well in full sun or in open shade. Pkt. 20c; 3 pkts. for 50c; 10 for \$1.50. SANGUINEUM—Here is long and gorgeous blooming in a coloring that is not too far from blood red, but the plants vary much, and pleasingly, in tone and shade, as well as in height and season. Foliage becomes glowing red in late autumn. Thrives in either shade or sun. Pkt. 20c; ¼ oz. 40c; ½ oz. 75c. Plants, strong divisions, each 45c; 3 for \$1.20; 10 for \$3.50; 25 for \$7.60. ARMENUM—(3)24. Unusual Armenian species with dark red flowers, each petal with a black-purple spot at the base. Pkt. 25c. WALLICHIANUM—(3)9. Fine, big flowers of richest blue-violet, often with white eye. Low, cushiony habit, just right for the rock garden. Pkt. 25c. OFFER 104A—One pkt. each of the above for \$1.25.



GERANIUM HARDY BLEND—Most of the above, with, perhaps, others, all shade-tolerant. Pkt. 20c; ¼ oz. 40c.

GERANIUM LANCASTER—Rock garden plant of rare charm. Low mats set with flowers of purest pink, veined rose. Sanguineum, Walney variety. Plants, each 65c; 3 for \$1.80.

GERANIUM SANGUINEUM WHITE—Blossoms of purest, unmarked white. Low 8-inch mounds. Desirable perennial for rock garden or border. Plants only, each 65c.

GERANIUM SUBCAULESCENS SPLENDENS—6 inches. Dense, mounded clumps are covered through spring and early summer with flowers of brightest Tyrian rose. Fully hardy. Plants, each 75c.

GERANIUM PLANT OFFER—One plant each of Lancaster Pink, Subcaulescens splendens, Sanguineum Red, Sanguineum White and Blue Beauty, all hardy perennials, for \$2.55.

2 PELARGONIUM (Tender Geranium)

Handsome, desirable pot plants of easy handling.

GERANIUM ZONALE HYBRIDS—w. These are the house or bedding Geraniums. They are easy from seed, flowering quickly, and the seedlings will show amazing range of colorings, white, pink, rose, salmon, scarlet, crimson. Near to everblooming. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

THE IVY GERANIUMS—The shining, crispy leaves are of ivy form, and the plants tend somewhat toward decumbent habit, so valued for window boxes and hanging baskets, but they make good pot plants, too, or they can be used for bedding. Because of the naturally slender, brittle stems, we send only small plants of Ivy Geraniums. They won't look like much, but they will take hold rapidly, and soon be blooming. **IVY DOUBLE RED**—Bright, scarlet-toned red, sometimes with small maroon markings. **IVY TINTED WHITE**—Large blossoms of lavender-marked white, sometimes with hint of blush suffusion. **IVY ROSE PINK**—A very good, deep pink semi-double. **UNIFORM PRICE**, each 45c; 3, assorted as desired, for \$1.25.

PELARGONIUM—Martha (Lady) Washington Geranium. Rather large flowers, ground color of white, rose or red, usually with contrasting, darker, pansy-like blotchings. Known also as Pelargonium Show and Fancy. Seeds, 6 for 25c; 28 for \$1.00.

PELARGONIUM SHOW AND FANCY—(Pelargonium domesticum). When flower-growers say Pelargonium, this is what they have in mind. Called also **LADY WASHINGTON GERANIUM**. Handsome pot plants with large, pansy-marked flowers. Five sorts. **EDITH NORTH**—Large, slightly ruffled flowers of salmon pink with rosy tones and brown blotch. **LAVENDER QUEEN**—Soft lavender with small purple blotch on each petal. **MARY BARD**—Flowers pure white, but with irregular pink veinings and dottings. **AZALEA**—Large-flowered rosy red, the upper petals with velvety black patches. **MRS. LAYAL**—Flowers very like pansies, white to lavender, with face markings of velvety purple. Blossoms medium size, but in great numbers. **SPRINGTIME**—Ruffled flowers of bright pink, but pure white at center. Early and long bloomer. **UNIFORM PRICE**—Plants, each 60c. One plant each of the six kinds for \$3.25.

APPLE GERANIUM—Pel. odoratissimum. Grown for the pleasing apple-fragrance of the foliage, but some of the seedlings may have nutmeg-scented leaves. White flowers. Pkt. 25c.

LEMON GERANIUM—Crispy, lemon-scented leaves and quite showy purple flowers. Plants, each 65c.

ROSE GERANIUM—Pel. graveolens. Grown for the scented foliage, first-fragrance of the rose, then balsam-aromatic. Leaves are deeply lobed and cut. Clustered flowers, rose to purple. Plants, each 65c.

BOOK—GERANIUMS, Wilson. All about the varied Pelargoniums and "Geraniums" of window, greenhouse and garden. New. Illustrated. \$3.50.

3 GLOXINIA BEAUTY

A showy pot plant. Deep, wide bells, upfacing, each on its own stem. Colorings rich and varied, sometimes all one tone, or again dot-sprinkled, marbled or splashed with some darker, contrasting shade. Bulbs (tubers) in fine mixture, available February through May at each 40c; 3 for \$1.00; 10 for \$3.00. Potted plants (growing bulbs) ready April through July, at each 50c; 3 for \$1.35; 10 for \$4.00.

GLOXINIA PEERLESS STRAIN—An excellent strain; large flowers in wide color range. Pkt. 50c; 3 for \$1.40; 10 for \$4.20.

GLOXINIA SWISS BEAUTY STRAIN—Here is something really superior, a special strain of giant-flowered Gloxinia perfected by a central-European grower who loves his Gloxinias, and delights to express himself in them. The flowers are almost uniformly of great size and splendid form, and the range of colorings is notable for depth and richness. Pkt. 75c; 3 pkts. for \$2.10; 10 pkts. for \$6.25.

GLOXINIA SCARLET VELVET—Beautiful scarlet blossoms. Usually true from seed. The Panzer strain. Pkt. 65c.



1 GLOBULARIA CORDIFOLIA—Pretty mat-plant for rock garden or alpine lawn. Little dark green leaves packed to turf density. Close above come multitudes of short-stemmed flowers, like fluffy blue balls. Pkt. 20c. Plants, each 40c.

2 GRAPTOPETALUM PARAGUAYENSE—Mother-of-Pearl Plant. A decorative house plant, the several branches ending in great rosettes of thick, succulent leaves that seem carved from mother-of-pearl, in all its pink-hinting, translucent, silvery glossiness. Plants, each 40c; 3 for \$1.10.

2 GREVILLEA ROBUSTA—w. Silk Oak, but a better name is Silk Fern. Effective, decorative pot plant with feathery, silky, fernlike "fronds." Grown for graceful foliage effects. Easier and more adaptable than any Fern, but will fit same uses. Pkt. 20c; 3 pkts. for 50c; 10 for \$1.50.

2 GYNURA AURANTIACA—Handsome foliage plant for pot culture. Large, downy leaves, overlaid with iridescent purple. Flowers golden orange. Plants, each 50c.



3 GLORIOSA

The Glory Lilies grow with fair ease from seeds sown in spring in open ground beds. In autumn, dig the tubers and store them over winter in sand and in a cool cellar. Two-year-old tubers will bloom. May be treated either as a summer garden bulb, Gladiolus fashion, or it may be grown as a pot plant. *Illustrated opposite.*

PLANTI—Wavy blossoms in those melting tones that lie between gold-orange and rose. Pkt. 25c; 3 pkts. for 70c. Tubers, should bloom, each \$1.00. **ROTH-SCHILDIANA**—Big blossoms in iridescent crimson, sometimes gold-edged or rose-tinted. Pkt. 20c; 1/16 oz. 45c; 1/8 oz. 80c. Tubers, should bloom, each \$1.00; 3 for \$2.90. **SUPERBA**—Exceedingly showy, vigorous, relatively easy. Blossoms in varied, rich combinations of red and gold, petals much crisped. Pkt. 20c; 1/16 oz. 40c; 1/8 oz. 75c. Tubers, young stock that mostly needs one more year to reach flowering size, but a few may bloom this year. Each 50c; 3 for \$1.40; 10 for \$4.00.

3 THE GLADIOLUS GARDEN

For gay orchid-like blossoms, brilliant hues, delicate blendings of color tone, the Gladiolus is beyond compare. And, of course there is no better flower for cutting. We offer fine, blooming-size bulbs. **BAGDAD**—Smoky old rose, marked cream. **BUCKEYE BRONZE**—Coppery bronze with orange flush. **CORONA**—Creamy white, edged rosy pink. **DR. BENNETT**—Glorious fire scarlet. **GOLD DUST**—Fine deep yellow. **KING LEAR**—Rich red-purple. Fine flower. **LAVENDER RUFFLES**—Ruffled lavender pink. **MARGARET BEATON**—Clear white, blotched orange red. **MARGARET FULTON**—Early salmon rose. **MINUET**—Large clear lavender. **PELEGRINA**—Velvety blue. **PHYLLIS MCQUISTON**—Fine, large, clear pink. **PICARDY**—Waxen apricot pink. **REWI FALLU**—Big, blood-red blossoms. **ROSA VAN LIMA**—Excellent light pink. **SNOW PRINCESS**—Splendid pure white. **VAGABOND PRINCE**—Bronze garnet with spot of flame. **WHITE GOLD**—Large cream, near primrose in throat.

GLADIOLUS BULB PRICES—Above kinds all have same price. One bulb for 15c; 3 bulbs of one kind for 35c; 10 bulbs of one kind for \$1.00; 25 of one kind for \$2.00. **OFFER 99AN**—Three bulbs each of the 18 kinds, with names, for \$5.00; 10 each of the 18, with names, for \$15.00. **OFFER 100AN**—10 each of 10 named kinds, kept separate, names given, but our choice of kinds, for \$7.50.

BULBS GLADIOLUS PEERLESS BLEND—Splendid mixture, includes high proportion of above, with others, all bulbs full blooming size. 10 bulbs for 70c; 25 for \$1.50; 100 for \$5.50; 250 for \$12.75; 500 for \$25.00.

SEEDS GLADIOLUS PEERLESS BLEND—k. Saved from fine named sorts, and should produce many interesting and beautiful variations and color combinations. It is from seeds that new varieties come. Pkt. 20c; 3 pkts. for 50c; 1/16 oz. 75c.

1 HARDY HELIANTHUS

Here are the perennial Sunflowers. "x" culture. **ORGYALIS** (*Salicifolius*)—(4)96. A decorative hardy perennial for accents or backgrounds. The stems are foot-wide pillars of undulating greenery. In autumn 4-foot panicles of blossoms rise above them, very many little yellow, brown-centered flowers in quarter-dollar size. Pkt. 20c. Plants, divisions, each 50c; 3 for \$1.40. **MOLLIS**—(3)50. Flowers 3-inch, lemon yellow. Leaves ashy, downy, placed in perfoliate effect. Pkt. 20c. Plants, each 45c.

1 HESPERALOE PARVIFLORA—k(w)(3)50. Called Red Yucca. Rose to red flowers. Needs sheltered position and winter protection when grown outside, North. Often handled as a large pot or tub plant. Pkt. 20c; 3 pkts. for 50c.

3 HAEMANTHUS PUNICEUS—w. An Amaryllis cousin. Starry flowers of rosy scarlet are carried in dense, globose clusters to 4-inch diameters. Handle as a pot plant. Sow seeds upon receipt. Succulent seeds, 3 for 25c; 14 for \$1.00.

5 HEBENSTREITIA COMOSA—ecx(3-5)16. Grown for fragrance. Slender spikes of closely packed white-and-orange blossoms. The perfume during day is light and delicate, but as evening falls it becomes richer and heavier. Pkt. 20c.

HEDYCHIUMS MIXED—ew50. Tall spikes of showy flowers, lemon, gold, rose, crimson or white, always spicily perfumed. Good large pot plant, or may be grown in the garden, winter-storing the roots in Canna fashion. Pkt. 20c.

HEDYCHIUM CORONARIUM—White Ginger-lily. Big clusters of white, richly fragrant flowers to 4 inches across and to some 40 inches of height. May be handled like Canna, or makes a splendid large pot plant. Offered as root-divisions. Each 45c; 3 for \$1.20.

5 HELIOTROPE BLEND—ecx(w)(8)20. Valued for fragrance and beauty. Compact plants with wide, dense sprays, mauve to black-violet. May be grown as an Annual in the garden, from spring sowing, or it can be grown as a winter pot plant. Pkt. 20c; 1/16 oz. 40c.

2 HEREROA NELI—An attractive pot plant, with rosettes of succulent leaves, in shape between hatchets and elks' horns. Bright, fluffy, golden yellow flowers. *Illustrated opposite.* Plants, each 40c.



1 GYPSOPHILA PERENNIAL

Valued for misty border effects; or for adding airiness to cut flower arrangements. "x" culture. **MANGINI**—(3)40. Diffuse tangles of rather large white flowers, faintly pink-suffused. Fine for cutting. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. **OLDHAMIANA**—(4-5)40. Autumn Baby Breath, Continuous bloom, August through October. Little blossoms of white to pink in wide, dense cymes. Pkt. 15c; 1/8 oz. 30c. Plants, each 45c; 3 for \$1.20; 10 for \$3.15. **PACIFICA**—(3-4). A dainty airiness of flower in delicate pink suffusions, the sprays high and graceful. Late summer. Pkt. 15c. **PANICULATA**—(2-3)36. Loose, diffuse panicles of little white blossoms. Pkt. 10c; 1/4 oz. 30. **PANICULATA DOUBLE SNOWBALL**—Like last, but will give a considerable proportion of fully doubled flowers like tiny snowballs. Pkt. 25c; 3 for 70c. **REPENS**—(8)9. Low-growing and long in bloom, this is an excellent rock garden perennial or it may be used for bedding. The airy cushions are covered with little blossoms, pearl white or bluish-suffused. Pkt. 15c; 3 pkts. for 40c. Plants, each 40c; 3 for \$1.10. **OFFER 110A**—One pkt. each of the above for 75c.

DOUBLE-FLOWERED GYPSOPHILA PLANTS—These three have intensely double flowers, and a long blooming season. Much grown for cutting, but they also have high decorative values in rock garden and border. **REPENS BODGERI**—15 inches. Lovely early-flowering white. Low, airy, profusely branching. Plants, each 55c. **ROSY VEIL**—24 inches. Double flowers of soft pink. A delightful form. Plants, each 55c. **BRISTOL FAIRY**—35 inches. Delightfully graceful are the airy panicles, each little blossom of fullest doubleness and purest whiteness. Plants, each 70c.

5 GYPSOPHILA ANNUAL

Baby Breath, *Gypsophila elegans*, is one of the quicker flowers from seed to bloom. To have always plenty of it for cutting and mixing with other vase flowers, make successive sowings. 35 inches. **LARGE-FLOWERED PURE WHITE**—Fine strain. Pkt. 10c; 1/2 oz. 20c; 1 oz. 35c. **PINK AND ROSE**—Pink, through carmine, to near scarlet. Pkt. 10c; 1/2 oz. 20c.

1 HELENIUM

Fully hardy perennials of rich flower effect. kt culture. **HOOPESI**—(2)34. In late spring the plants are veritable sheafs of golden-orange bloom. A showy, long-lived border perennial. Pkt. 15c; 3 pkts. for 40c. Plants, each 45c; 3 for \$1.20; 10 for \$3.50. **AUTUMNALE**—(3-4)45. In early autumn established plants are domes of packed blossoming. Colorings range from yellow, through old gold and orange, to wallflower-red. Pkt. 20c; 3 pkts. for 50c. **RIVERTON GEM**—(3-4)40. The blossoms open golden buff, quickly becoming a tawny, orangey autumn red. Plants, each 50c; 3 for \$1.40.

5 HELICHRYSUM BLEND—ck(3)35. Strawflower. Perhaps most desirable of the "Everlastings", drying well for winter bouquets, beautiful, too, in the garden, or as a fresh cut flower. Scarlet, canary, rose, salmon, silvery white, soft pink, violet in mixture. Pkt. 10c; $\frac{1}{4}$ oz. 35c.

1 HELIOPSIS PITCHERIANA—ecbx(3-45). Many single flowers of glossy golden orange. Rugged, long-lived border perennial. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c.

1 BEAUTY BY DAY 3

In free translation **HEMEROCALLIS** might mean Beauty by Day, but Day Lily is the more usual English name. The Day Lilies are fully winter-hardy, always easy to grow and keep. They thrive in full sun, but will still tolerate quite a bit of shade. They grow readily from seed, flowering second year. We offer seeds saved from finest hybrid strains, mostly from named sorts such as those offered below, and seedlings will range in their coloring over the whole field of hue and tone shown in the kinds described separately here. *Illustrated opposite.* Seeds, **HEMEROCALLIS PEERLESS HYBRIDS**, pkt. 25c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.00. Plants, good hybrid seedlings and named sorts, supplied in mixture (no names given), at each 50c; 3 for \$1.40; 10 for \$4.15; 25 for \$9.00.

NAMED DAY LILIES—Eighteen selected kinds of high garden merit. **HYPERION**—Immense flowers in pure lemon, exquisitely fragrant. Each 85c. **RAJAH**—Brilliant flame-scarlet with fulvous throat. Each 75c. **DAWN**—Fine English sort in pleasing rosy buff. Each 65c. **CHENG TU**—Large-flowered late-bloomer. Orange red with carmine star and golden throat. Each 80c. **ROSE BRIGHT**—Effect of silvery rose. Particularly good. Each \$2.00. **MIKADO**—Handsome, fragrant flowers of rich orange, each petal patched mahogany. Each 60c; 3 for \$1.65. **SERENADE**—Soft coral pink with touch of buff. Each 65c. **ILLUMINATOR**—Massive flowers with the three wider segments in oxblood red, the narrower in citron yellow with fulvous shading. Strong grower. Each 90c. **BURNT ORANGE**—Rich burnt orange, deeper at edges. Throat golden with maroon lines. Each \$1.25. **MRS. W. H. WYMAN**—Handsome, large, heavy flowers in soft lemon yellow. Late bloomer. Each 65c. **CISSY GUISEPI**—Coppery rose, with yellow center line on each petal. Each 70c. **MORNING SONG**—Apricot buff. Each 65c. **BAGDAD**—Rich blendings of coppery red and red-brown. Each 75c. **LUCENT**—Flowers close to pink, but with tone of orange. Throat golden. Each \$1.50. **GOLDENI**—Big, heavy flowers of a golden tone so rich that it approaches orange. Each 55c; 3 for \$1.50. **OLD ORCHARD DELIGHT**—Large flowers that are about as near true pink as one finds in *Hemercallis*. Just a hint of orange. Sturdy, upright grower. Each \$3.00. **KWANSO**—Here the flowers are double, in rich blendings of bronze and coppery tones. Each 60c; 3 for \$1.60. **MARGARET PERRY**—Dusky rose carnelian, with bright yellow throat star. A particularly good one. Each 65c; 3 for \$1.75; 10 for \$5.25. **OFFER 111AN**—One plant each of the 18 kinds for \$16.00. **OFFER 112AN**—One plant each of Rajah, Hyperion, Morning Song, Kwanso, Goldeni, Mikado and Margaret Perry for \$4.00.

HEMEROCALLIS MINOR—14 inches. Daintiest of Day Lilies, small enough for the rock garden. Pretty butter-yellow trumpets with deeper center stripe, come with a burst in late May, with scattering blossoms all summer and autumn. Fragrant. Plants, each 60c; 3 for \$1.65.

1 LOVELY HEPATICA

In early spring come charming blossoms, set in green ruffs. Lustrous lilac, blue and purple will appear, with bluish white, even buff-tinged pinks. rstkt(1)7. Shade-tolerant. Pkt. 20c; $\frac{1}{16}$ oz. 60c; $\frac{1}{8}$ oz. \$1.00.



1 HERACLEUM MANTEGAZZIANUM—bk(3)100. Spectacular large perennial with lobe-cut leaves to 3 feet, and little flowers of creamy white in wide, close umbels that may be four feet across. From the Caucasus. Pkt. 20c; 3 for 50c.

1 HESPERIS MATRONALIS—ebnx(3)35. It is Sweet Rocket or Dame's Violet, and it can be very gay in its bright, Phlox-like manner, vivid in the border, or rich color when allowed to naturalize. Scatter it about widely, and all who see it will be glad you have done so. Pkt. 10c; $\frac{1}{8}$ oz. 20c $\frac{1}{4}$ oz. 35c.

1 HESPEROYUCCA WHIPPLEI—bdk(3)130. Our Lord's Candle. Massive white-belled spires above blue-green leaf-swords. Beautiful beyond belief. Needs protection. Pkt. 20c.

1 HEUCHERA or CORAL BELL

SANGUINEA SPLENDENS—ecrkt(2-3)20. Deep crimson, varying to scarlet, are the sprays of gracefully carried flowers. Delightful in rock garden or border. It cuts. Pkt. 20c; $\frac{1}{32}$ oz. 45c; $\frac{1}{16}$ oz. 85c. Plants, each 55c; 3 for \$1.55; 10 for \$4.85.

UNDULATA—erbkt(9)30. Foliage as lovely as Galax, undulate, rose-bronze at cool ends of season. Airy racemes of tiny white flower bells. Pkt. 20c. Plants, each 50c; 3 for \$1.40.

CORAL BELL HYBRIDS—ecrkt(2-3)25. Lethely graceful sprays. Called Coral Bells, but flowers are likely to be mostly bright red to crimson, with occasional plants in rosy pink to coral. Pkt. 25c; 3 pkts. for 70c. Plants, each 55c; 3 for \$1.55.

OFFER 114A—One pkt. each of the three for 55c.

1 HEUCHERA ROSAMUNDI—A dainty, long-blooming variety with airy blossoms in a lacelike profusion, enchanting pink to rosy coral. Plants, each 55c; 3 for \$1.55.

1 HEUCHERA RAIN OF FIRE—Brilliant red, truly in effect of showers of fire. Long-lived; long blooming. Plants, each 60c; 3 for \$1.60.

1 HARDY HIBISCUS or ROSE MALLOW

Gorgeous color here. There are few more showy perennials. **MILITARIS**—ebk(2-3)50. Campanulate flowers in striate pink, leaves halber shaped. Splendid for divider hedge or screen planting. Pkt. 15c; $\frac{1}{4}$ oz. 30c. **AVALON HYBRIDS**—(3-4)50. New hybrid strain, Militaris x Coccineus. Different in flower-form, foliage, season, plant habit and blossom colorings. The flowers have hint of bell shape, and vary from palest blush through tones of pink, then rose, culminating in reds of rich vividness. Particularly long blooming season. Pkt. 20c. Plants, mixed, each 50c; 3 for \$1.40; 10 for \$4.00; 25 for \$9.25. **GIANT MALLOW MARVELS**—ebx(3)50. Magnificent flower-bowls, from palest blush through pure pink, to rose, with snowy white and pure crimson. Center eyes often appear. Pkt. 15c. Plants, mixed, each 45c; 3 for \$1.20; 10 for \$3.65. **SYRIACUS**—ebk(4). This is the shrub or small tree commonly called Althea. Flower colorings of white, blush, diverse pinks, rosy red, blue-violet and the like. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. **MUTABILIS**—bk(3-4)150. Confederate Rose. Handsome Chinese species for the South. They open pale blush, deepening to red by nightfall. Pkt. 20c. **PEDUNCULATUS**—ebx(3-4)50. Attractive South African species with flowers of deep rose on slender peduncles. Protect in winter. Pkt. 25c. **OFFER 115A**—One pkt. each of above for 90c.

4 HIBISCUS PARAMUTABILIS—Rare shrubby Hibiscus from central China, fully winter-hardy at Old Orchard. Big flower-bowls with silky, somewhat fluted petals, pure white but with dark crimson center. Blossoming continue for months. Great downy leaves, sometimes a foot across. bkt(8)150. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c; 1 oz. \$3.00. Plants, each \$1.00.

1 HIBISCUS AVALON RED—This sp'endid hybrid shows perhaps the most brilliant red blossoms of any fully hardy Hibiscus yet introduced. The coloring is richer than in *H. coccineus*, the flowers fuller, and of better form. A robust grower, reaching to 8 feet in established plants, many flower-filled stems. Blooming season is long, July, well into October. Foliage of distinctive, digitate form, deep green. Needs no winter protection. Plants, divisions or rooted cuttings, each \$1.50. Will bloom freely first year.

5 HIBISCUS ANNUAL

HIBISCUS TRIONUM—ex(2-4)30. Ivory-toned cup blossoms, with violet patches and golden center tassels. You are pretty sure to like it. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

HIBISCUS MANIHOT—ebk(4-5)90. Golden Bowl. Towering spires of big lemon-yellow bowl-blossoms, blotched purple-maroon. Exceedingly showy. Valued for spectacular accents or backgrounds. May also be used effectively to fill a vacant spot in the mixed hardy border. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

2 CHINA-ROSE HIBISCUS

A distinctively beautiful species of tender Hibiscus to be handled as pot plants North, in the open far South. Greatly color-variable, with hues and tones not found in any other Hibiscus strain. Almost everblooming, plants only ten inches high often bloom freely. Botanically **HIBISCUS ROSA-SINENSIS**. Seeds, fine mixed. Per pkt. 25c; 3 pkts. for 70c. Plants of four kinds suitable for pots in window or greenhouse, available. **PEACHBLOW**—Big, double flowers in soft pink. **DOUBLE CRIMSON**—Rich, velvety crimson. Fully double. **AURANTIACUS**—Double flowers in a blend of apricot and orange. **WEDDINGI**—Single flowers with irregularly cut petals and graceful center tassel. Brilliant red. **UNIFORM PRICE**, per plant any of the kinds, each 65c. **OFFER 90AN**—One plant each of the four for \$2.35.

1 HOLLYHOCKS FOR WHITE FENCES

That's where Hollyhocks show best, but you will want them in many other places, too.

HOLLYHOCK CHATER'S DOUBLE—Intensely double flowers in close, almost dense spikes, blossoms full and formal. Full color range. Grows about five feet. Pkt. 15c; 1/2 oz. 40c; 1/4 oz. 75c.

HOLLYHOCK PEERLESS DOUBLE—Widely varied as to both shape and color. Includes Carnation and Triumph types, double, less formal than Chater's, and blooms sometimes larger. Extraordinary color range. Grows to about six feet. Pkt. 20c; 1/2 oz. 45c; 1/4 oz. 80c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.

HOLLYHOCK SINGLE MIXED—80 inches. Big flowers in many gay, delightful colorings. Pkt. 10c; 1/2 oz. 25c.

5 HOLLYHOCK INDIAN SPRING—Handsome semi-double blossoms, rose to carmine. Sown early, will be in bloom by first August, so called "annual." Actually hardy. Pkt. 15c.

OFFER 93A—One pkt. each of the four for 50c.

BOOKS—For those who want, or have, a greenhouse. **GREENHOUSE GARDENING FOR EVERYONE**—Chabot. Every phase. Care, soils, cuttings, sowings, cut flowers, bulb forcing, heating. How to build. Frames. Illustrated. \$4.00. **GREENHOUSES; THEIR CONSTRUCTION AND EQUIPMENT**—Wright. Construction of all types. Heating. Water supply. Illustrated. \$2.50.



1 HELLEBORUS NIGER—yt (1)12. The Christmas Rose of story. Exceedingly hardy. Blooms very early, normally in March, but buds may open during any mild period of winter, even in January. The big, shallow blossom-cups are white, though often with soft pink suffusion. Attractive foliage. Long-lived, though a bit slow in starting. *Illustrated opposite*. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 60c. Plants, each \$1.25.

1 HELLEBORUS ORIENTALIS HYBRIDS—yt (1)16. The Lenten Rose. It blooms in March, beautiful flowers of purple-shaded white, varying to pale tones of violet and claret. Pkt. 20c; 3 pkts. for 70c.

1 HIERACIUM BOMBYCINUM—erx(2)8. A lovely rock plant with rosetted leaves of glistening silveriness, blossoms above wrought in golden artistry. Pkt. 25c.

1 HIERACIUM VILLOSUM—erx(2-3)12. Silver-shag. Big golden suns of blossoms over silky, silvery foliage. Pkt. 25c.

1 HIERACIUM HELDREICHI—ebx(3)35. A really good perennial for the mixed hardy border. Great, loose, globose panicles of golden flowering. Foliage an attractive blue-green. Pkt. 15c; 3 pkts. for 40c. Plants, each 45c.

1 HORMINUM PYRENAICUM—erx(3)12. Perennial for rock garden or border with many attractive flowers of violet purple on the Salvia order. Pkt. 20c; 3 for 50c.

HONESTY—ecx(3)30. Lunaria. Purple flowers, followed by pods having translucent partitions that make attractive winter decorations. Sown early, will usually bloom first season. Pkt. 15c; 1/2 oz. 25c; 1/4 oz. 40c.

5 BLUE HYDRANGEA—We offer the variety **BLUE CHINA**, a reasonably hardy sort for outdoor planting. Will need some winter protection in cold areas. On most soils the big, showy flower-trusses come bright blue. Plants, each 75c; 3 for \$2.10.

2 HUEA ELEGANS—w. Gracefully drooping panicles of rosy flowers above pleasantly scented foliage. Makes a striking large pot plant. Australia. Pkt. 25c.

5 HUNNEMANNIA FUMARIAEFOLIA SUNLITE—ex(3)24. Santa Barbara Poppy. Tulip-shaped blossoms of satiny yellow. Easy and showy. Full sun. Pkt. 15c.

4 HOVENIA DULCIS—k 30 ft. Japanese Raisin Tree. Deciduous tree, hardy to Boston, grown both for its ornamental foliage, and for the odd, edible "fruits," supposed to have flavor of raisins. Pkt. 20c; 3 pkts. for 50c.



3 CROWN-BEAUTY

Hymenocallis, the Crown-beauty, shows many a desirable and lovely form, but most of the species are rather on the tender side and require special culture conditions. This one, though, **HYMENOCALLIS OCCIDENTALIS**, is of full year-around winter hardiness here, needing no digging. The stems grow to 20 inches, each crowned with an airy cluster of ribbon-draped white chalice blossoms. *Illustrated opposite*. Bulbs, each 25c; 3 for 70c; 10 for \$2.00.

1 SUN-ROSES

Sun-rose is an old name for **HELIANTHEMUM**, a delightful, low perennial for rock garden, edging or bedding. Foliage mounds are set with silken blossom loveliness in pink, lemon, copper, red, white. Fine blend. Pkt. 15c; 1/16 oz. 25c.

SUNGOLD—A profusion of single, golden flowers. Showy and hardy. Pkt. 15c. Plants, each 45c; 3 for \$1.20.

FIREBALL—Plants loaded for months with fully double flowers of bright scarlet. A long-showy beauty for rock garden, edging, bedding. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

LEMONBALL—Like last in clear lemon yellow. Fully double. Plants, each 50c; 3 for \$1.40; 10 for \$4.00.

RHODANTHE CARNEUM—Mounds of silvery, sparkling foliage. Single, salmon pink flowers of large size. Long-blooming and handsome. Plants, each 50c; 3 for \$1.40.

OFFER 109AN—One plant each of the four for \$1.80.

1 PLANTAIN LILY (Hosta)

Pleasant, fully hardy perennials with tuberous roots, called Plantain Lily from the wide, decorative leaves. Also known as Funkia. **PLANTAGINEA**—Snowy Day-lily. In late summer come fragrant waxy trumpet-blossoms of purest whiteness, these above formal, packed foliage mounds. Plants, divisions, each 65c; 3 for \$1.80. **COERULEA**—36 inches. Great Blue Day Lily. Wide and handsome bells of bright blue all through the mid-summer season. Decorative border perennial of high merit. Excellent foliage and form. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40; 10 for \$4.20. **LANCIFOLIA**—25 inches. Quickly makes large clumps of formal, packed leafage of considerable ornamental value. In late summer come slender racemes of narrow trumpet flowers in soft lavender. Plants, each 50c; 3 for \$1.40. **SIEBOLDIANA**—rk(2)10. Splendid edger, with its densely packed, overlapping leaves, blue-glaucous to near velvety effect. Pkt. 20c.

3 GIANT SUMMER HYACINTH

Bells of waxy white in great loose spikes in five-foot heights. Strikingly decorative in the border, particularly when several are planted as a group. Easy to grow and keep. Winter-hardy to Philadelphia. In colder areas, dig and store. It is **GALTONIA CANDICANS**, formerly considered a Hyacinth. *Illustrated page 20*. Pkt. 15c; 1/2 oz. 35c. Bulbs, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50.

3 ROCK GARDEN HYACINTHS—kt. Dainty little alpine or near-alpine true Hyacinths for the rock garden, or for nestling surprise-colonies elsewhere. **AMETHYSTINUS**—(2)9. A delight. Flowers of pale, translucent blue. From Spanish mountains. Pkt. 20c. **AMETHYSTINUS ALBUS**—Even more charming is this snowy white form. Pkt. 20c. **AZUREUS**—(1)7. Blossoms of a brilliant, intensified sky blue come in earliest possible spring. Pkt. 15c; 1/16 oz. 35c. **CORYMBOSUS**—(1)8. Rare and pretty little South African with pink flowers. Pkt. 20c. **SAWRISICI**—(4)9. Unique autumn-blooming species (the others flower in spring), with many feathery spikes of dainty and pretty mauve-pink. A rare hardy bulb, rather easy from seed. High garden merit. Pkt. 20c; 3 pkts. for 50c. **OFFER 116A**—One pkt. each of above for 75c.

5 ICEPLANT—ergx 6 inches. Thick, twisting leaves set with drops of crystal gum that sparkle like morning dew. Edgings, rock garden, pot plants. Tinted flowers. Pkt. 15c.

2 IRESINE HERBSTI—Brilliantly colored, easily handled foliage pot plant. The leaves are bright red to rich crimson, with markings of velvety maroon. Also suited to outside summer use in manner of Geranium. Each 40c; 3 for \$1.10.

1 GOLD OF HYPERICUM

Here is treasure for the sunny garden, great spreads of silvery foliage, set with golden blossoming. "x" culture.

OLYMPICUM—(2-3)12. Fine-leaved, silvery fountains with flowers like gold coins set with yellow center tassels. Delight for rock garden, edging, bed. Fully winter-hardy here. Pkt. 20c; $\frac{1}{32}$ oz. 35c. Plants, each 50c; 3 for \$1.40.

FRAGILE—(3)5. Low, wide mats. Silvery-glaucous foliage and tasselled flowers of pale gold. A pretty species of full hardiness here. Pkt. 25c. Plants, each 50c.

RHODOPAEUM—(3)5. Here the foliage is covered with a silvery downiness; spreading draperies of plants, set with large, pale yellow flowers. Full hardiness. Pkt. 25c. Plants, each 50c; 3 for \$1.40.

POLYPHYLLUM—(2-3)6. Fine-leaved cascade-mats are set with burnished buds that open to blossoms of polished, golden richness. Needs no winter protection at Old Orchard. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

REPTANS—(2-3)5. A rock garden beauty. Mats of fine green foliage, with big blossoms of gleaming gold lying closely over, these opening from shining buds of red-mahogany. Hardy at Old Orchard. Pkt. 25c.

OFFER 117A—One pkt. each of the five for \$1.00.

OFFER 118AN—One plant each of the four for \$1.80.

HYPERICUM DWARF BLEND—The lower kinds, for the rock garden, bedding, etc. Pkt. 20c; 3 pkts. for 50c.

HYPERICUM TALLER BLEND—Mixture of taller kinds, for the mixed hardy border. Pkt. 15c; $\frac{1}{8}$ oz. 50c.

1 IBERIS or HARDY CANDYTUFT

Low, free-blooming, evergreen perennials for rock garden, edging or bedding. "x" culture. **GIBALTARICA**—15 inches. Flattened clusters of lilac to purple flowers over evergreen foliage. Showy. Give winter protection. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. **SEMPERVIRENS**—10 inches. Full winter hardiness. Flowers like snow heaped over evergreen foliage. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00. **SEMPERVIRENS AVALON**—7 inches. Wide, overlapping clusters of big, snowy flowers. Foliage of deep, emerald green, as evergreen as Box. Compact grower, delightful in rock garden, or as a bedder or edger. Plants, each 50c; 3 for \$1.40; 10 for \$4.20. **SEMPERVIRENS SNOWFLAKE**—Like last, but even more dwarf and compact. Large, white flowers. Plants, each 55c. **SAXATILIS LITTLE GEM**—Distinct species with finer, narrower foliage and many compact flower clusters of purest white. Early. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

2 IMPATIENS AND THE EAST

For the east window or shady porch, try Impatiens, Sultan's Balsam, a handsome pot plant in almost continuous bloom. Flowers may be brilliant red, cerise, orange, rose, pink, chamois, salmon, pale mauve, near purple. Translucent stems. We offer two strains, slightly different, both good. **HOLSTI HYBRIDS**—Big flowers, fine color range. Pkt. 20c; 3 pkts. for 50c. **SULTANI HYBRIDS**—Exceedingly free blooming. Fine mixture. Pkt. 20c; 3 pkts. for 50c.

IMPATIENS PLANTS—We offer good, young plants in mixture only, but when several are ordered we shall make particular effort to see that good assortment of colorings is supplied. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.

5 INCARVILLEA ANNUAL

From late June until November the airy, branching plants are filled with trumpet flowers in cream, bluish, pink or suffused cream into rose. Foliage fern-like. 25 inches. Easy and good. **INCARVILLEA VARIABILIS**, illustrated on catalog page 2. "k" culture. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

1 INCARVILLEA PERENNIAL

DELAVAYI—rkt(2-3)20. Called Hardy Gloxinia. Gorgeous carmine to rose-purple, usually buff-dotted at base. One of the most striking perennials. Pkt. 20c; $\frac{1}{32}$ oz. 40c; $\frac{1}{16}$ oz. 75c. Plants, each 55c; 3 for \$1.55.

GRANDIFLORA BREVIPE—rkt(2-3)12. Hardy Chinese species with large flowers, rose red to crimson. Pkt. 20c; $\frac{1}{32}$ oz. 40c; $\frac{1}{16}$ oz. 75c. Plants, each 55c; 3 for \$1.50.

1 THE IRISES

Growing them from seed is the lowest cost way of getting the delightful species of botanical Irises in quantity. Sow outside in either late autumn, or early enough in spring so that there will be a period of exposure to low soil temperatures. Other fine Iris species are in the **TREASURE CHEST LIST**. Actual plants of Irises may be put out in spring, summer or autumn with equal certainty of successful start.



ARENARIA (Flavissima) — rkt(1-2)8. In early spring bronzed buds open to yellow vividness. Illustrated above. Will thrive in sunny rock garden or in any hot, dry position. Plant, each 50c; 3 for \$1.40.

AUREA—kt(3)36. Large flowers of purest golden yellow, edges frilled. Pkt. 20c.

BRACTEATA—styt(2)15. Pretty little western species with yellow flowers, veined mahogany. Pkt. 20c; 3 pkts. for 50c.

BREVIPE—8 inches. Big, flat blossoms of gold-patched indigo. A dwarf "Delta" that begins flowering as the Japanese Irises are ending. Plants, each 70c.

CHRYSOGRAPHES — kt(2)27. Rare Chinese species with flowers of rich blue-violet, pencilled toward fall base with irregular golden markings. Pkt. 25c.

CHRYSOGRAPHES RUBELLA—Distinctive form collected by Kingdon Ward. Rich and velvety flowers of deep red-purple, without markings. Rare. Pkt. 25c; 3 pkts. for 70c.

CHRYSOFOR—kt(2)28. Unusual race of beautiful, though bizarre, hybrid Irises, Chrysographes crossed on Forresti. Colorings range from sulphur and gold to rich bronze, from blue-lavender to purple violet, and often there are oddly contrasting markings. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 65c. Plants, each 60c.

CHRYSOPHYLLA—stkt(2)10. Undulate, orchid-like flowers of creamy primrose with markings in violet sepia. Pkt. 20c.

CLARKEI—bkt(2)25. Easy garden species from Himalayan foothills. Flowers in shades of blue to red-purple, sometimes white-patched or netted. Pkt. 20c; 3 pkts. for 50c.



CRISTATA—stat(2)8. Exquisite blossoms like crumpled silk of palest blue, gold-patched, and with snowy fringed crest. A delightful low species. Illustrated opposite. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

DELTA BLEND—yt. Big blossoms, mostly with horizontal standards. Flowers show clearest of blues, then lavender to purple, red-violet, lilac, cerise, with pink-tawny and rose tones, mahogany, near-reds and fulvous orange. This is a rather wonderful Iris group, quite unlike any other. Though they come from the Mississippi delta, they yet seem to be of fullest winter hardiness in the North. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.60.

DELTA HYB. D. K. WILLIAMSON—This fine Iris is a cross of two Delta species. Blossoms of distinctive form in the very richest of velvety blue-violets. Blooms after the Giant Hybrids. 28 inches. Each 45c; 3 for \$1.20.

DELAVAYI—kt(2)40. Usually rich violet; sometimes stippled. Himalayan species. Pkt. 20c.

DICHOTOMA—*ecbkt(4)50. Vesper Iris. Great, high sprays of perfumed flowers late July to early September. Most often the blossoms are translucent lavender, but may range from creamy white to violet purple, with markings of mahogany, buff or copper. Quickest and easiest of Irises. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. Plants, each 35c; 3 for \$1.10.

DOUGLASIANA—sty(2)18. Undulate blossoms in rare color tones, from creamy flushings, through mauve, lilac, lavender, deep blue and violet. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

DWARF HYBRIDS—kt(1-2)10. Flowers are of full "German" Iris size and form, but come earlier, and plants are very much shorter, averaging perhaps 8 inches over all. Yellows, blues, smokies, whites, creams, purple, all are there. Delightful in the rock garden, or as an edging or border. Pkt. 20c; $\frac{1}{8}$ oz. 50c. **OFFER 130AN**—We will send one plant each of six named dwarf Irises, different colorings, for \$1.75.

FOLIOSA—(3)12. Cascades of large, sky blue flowers pour from the foliage. Delightful in rock garden, or none better for the edging of a pool. Plants, each 55c; 3 for \$1.50.

FORRESTI—kt(2)25. Called the Yellow Sibirica, but actually it is a rare Chinese species with flowers that vary from tawny primrose to lemon. Pkt. 25c. Plants, each 55c.

ENSATA—dkt(2)25. Sword Iris. Great fountains of foliage set off the many attractive blossoms that may be lilac, pure white, or lavender with sharp veinings of violet. The most drought-resistant of Irises. Pkt. 15c; $\frac{1}{4}$ oz. 40c. Plants, each 45c; 3 for \$1.20; or order **OFFER 119AN**—and we will send one plant each of three named Ensatas, including the rather rare White, for \$1.20.

FULVA—(2)27. Copper Iris. Airy flowers in a tone between new copper and bronze. No other Iris like it. A Delta beauty. Plants, each 45c; 3 for \$1.40; 10 for \$4.20.

GIANT BEARDED HYBRIDS—These are the large-flowered, named Irises of our gardens. We offer seeds saved from two fine collections, and seedlings should show remarkable range of variable color richness. Each seedling will be technically a new variety. Pkt. 20c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 85c. Plants, fine mixed, 5 for \$1.00; 10 for \$1.90; 25 for \$4.50; 50 for \$17.00.

GIANT PINK HYBRIDS—We offer seeds from pedigree crosses made this past season by one of the leading American Iris hybridizers among named sorts of the pink-flowered group of Giant Bearded Irises. Most of the parent varieties would be classed as shell pinks. Seedlings from these hand crosses should give a high proportion of meritorious pink-flowered forms, although one must not expect that every seedling will be a pink. 2 seeds for 25c; 4 seeds for 45c; 10 seeds for \$1.00; 25 seeds (customer limit) for \$2.25.

GIANT HYBRIDS NAMED SORTS—We have a good collection of the better named sorts of Giant Bearded Irises. Our **TREASURE CHEST OFFER**, sent on request, gives descriptions and prices of separate kinds. For those who will leave the choice to us, we make the following collection offers. **OFFER 121AN**—One plant each of 10 different kinds, with names, for \$2.65. **OFFER 122AN**—One division each of 30 separate kinds, each marked with name, for \$7.60. **OFFER 123AN**—One each of 50 kinds, with the names, for \$12.40. **OFFER 124AN**—One each of 114 separate kinds, marked with names, for \$32.00. **OFFER 125AN**—One plant each of 40 Irises, each one different, and named, but supplied *without* any names being marked or given, for \$8.00.

GIGANTICAERULEA—60 inches. Purest blue. In rich, moist ground the flowers are of quite spectacular size, stems sometimes man-high. Delta section. Each 55c; 3 for \$1.50; 10 for \$4.50.

GLADWYN—styt(2)18. The tawny blue or brown-toned yellow flowers are followed by pods that split to show brilliantly scarlet seeds. Sometimes used in winter bouquets, as the straw-flowers are. Iris foetidissima. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.00.

IRIS GRAMINEA—kt(2)10. Pretty, plum-scented blossoms, bright blue and mauve. Pkt. 15c. Plants, each 50c.

FONTANESI—Splendid bulb-Iris from Morocco, blooming in May and June. Big blossoms of deep blue with orange blotch. In the garden it may be considered as a larger and better Iris Wedgewood. Pkt. 25c; 3 pkts. for 70c.



IRIS DOUGLASIANA

GRACILEPES—(2)9. A fairy among Irises, yet gayest of beauties. Blossoms that might be of crinkly, skyblue silk, orange-touched. Of full hardiness for rock garden or other outside planting, yet so dainty and lovely that it is sometimes grown as a pot plant. Plants, each 60c; 3 for \$1.60.

INNOMINATA—kt(2)10. Rare Iris with undulate blossoms that may be golden apricot, or, again, rosy lavender. Pkt. 25c.

KERNERIANA—20 inches. Rare and beautiful species from mountains of Turkish Armenia. Bright yellow, sweet-scented flowers are produced freely over grass-like foliage. Pkt. 35c; 3 pkts. for \$1.00.

LILACINAUREA—Attractive Iris of the Delta group with flattened flowers of rich lilac, crested golden orange. Each 70c.



IRIS DICHTOMA

KAEMPFERI GIGANTEA—This is the Higo strain, developed privately in an isolated part of Japan, and not long known to other horticulturists. The blossoms are of great size, much larger than in the older strains of Japanese Irises, massive in effect with their unusually thick, wide petals. This strain has been described by a world-known hybridizer (not the originator), as being rich in color, of unsurpassed beauty, and as "far above other strains." We are promised seed from hand-hybridized blooms, and, subject to arrival, we offer them at 50c the packet, 3 pkts. for \$1.40; 10 pkts. (customer limit) for \$4.00.

JAPANESE IRIS PLANTS—Offered on page 2, this catalog.

MELLITA—Delight Iris. Very early, very dwarf. Sometimes blooms again in October. Two forms. **VARIETY "A"**—Pale creamy yellow with mulberry stains. Each 45c; 3 for \$1.20. **VARIETY "B"**—Violet, suffused mahogany. Each 45c; 3 for \$1.15; 10 for \$3.40; 25 for \$7.50.

MISSOURIENSIS—kt(2)25. Flowers of soft, striate blue, or sometimes of white. An easy, handsome Iris that belongs in every garden. Pkt. 15c; $\frac{1}{8}$ oz. 35c.

OCHROLEUCA GIGANTEA—kt(2)60. Includes the Gold-banded Iris. Flowers of large size and fine lasting qualities. Stems to five feet. Makes big clumps. Follows Giant Bearded in blooming time. Two color forms as below, that appear interchangeably from seed. Long lasting when cut. Pkt. 20c; 3 pkts. for 50c. Plants, two Ochroleuca varieties. **MONNIERI VARIETY**—Soft yellow, painted golden orange on falls, each 50c; 3 for \$1.40; 10 for \$4.20. **SPECIOSA VARIETY**—White, splashed golden on falls, each 60c.

SIBIRIANT HYBRIDS—A dependable Iris group with varied blossom colorings; white, azure suffusions, light and dark blues, indigo, violet, amethystine tones, tawny shadings. They cut well. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. Plants, variety **VELVET ROYAL**, deepest purple, each 40c. **DAWN BLUE**, light blue, each 45c. **SNOW QUEEN**, pure white, seeds pkt. 15c; $\frac{1}{8}$ oz. 35c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **ORCHID LADY**, delicate orchid lavender, each 50c. **CAESAR'S BROTHER**, Richest pansy violet. Particularly good. Each 60c. **OFFER 109AN**—One plant each of the five for \$2.10.

SPURIA BLEND—kt. Attractive group of Irises with orchid-like flowers that may include cream, straw, yellow, azure suffusions and good blue selfs. Particularly easy to grow, and long-lasting as cut flowers. Full hardiness. Pkt. 20c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

TENAX—kt(2)15. Graceful flowers, from white, through mauve and pink-approaches, to claret and purple. Interesting and beautiful. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

SINTENISI—kt(2)15. Flowers of deep violet, vividly splashed and lined over white. Pkt. 15c. Plants, each 45c.

TECTORUM—The charming Roof Iris. Loose sprays of large, flattened blue flowers, undulate, and with white crests. Plants, each 60c; 3 for \$1.65.

TRIPETALA—A handsome, late-blooming species, coming as the Japanese Irises end. Big, flattened blossoms, with horizontal falls and only vestigial standards. Rich, deep velvet purple. Every garden needs this splendid, distinctive Iris. Plants, each 50c; 3 for \$1.40.

VERNA—(1-2)8. Dainty dwarf Iris of early spring; blossoms of deep blue, gold-marked, and with fragrance of violets. Plants, each 45c; 3 for \$1.20.

VERSICOLOR—mtk(2)30. An easy, attractive Iris that does well on either wet or dry soils. Royal blue with creamy markings. Pkt. 15c; $\frac{1}{8}$ oz. 40c. Plants, each 40c.

VERSICOLOR KERMESINA—A variety of the last with blossoms that approach wine red. Plants, each 50c.

WILSONI—kt(2)35. Variably colored species, often tawny buff with darker markings, but again lilac with violet stipplings. Plants, each 45c.

VINICOLOR—An unusual and attractive Delta species with flowers of a unique wine or grape-stain tone. Full hardiness. Plants, each 50c; 3 for \$1.40.

OFFER 126A—One pkt. each of the 29 so offered for \$4.75.

OFFER 127AN—One plant each of the 27 Irises so offered, for \$12.00. Does not include any of the Dwarf Hybrid, the Giant Hybrid or the Japanese Irises.

IRIS AVALON BLEND

Here there is at least a little of every Iris that we have in seed form, of course not in equal amounts, for some kinds are too scarce and rare for that. Nevertheless we doubt that any other Iris blend, anywhere, any time, has equaled this in quality. $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

1 **IBERVILLEA LINDHEIMERI**—k. Rock garden or bank trailer. Yellow flowers, then brilliant red fruits. Winter-protect in cold areas. Pkt. 20c.

1 **INULA**—kt. Three fine hardy species, so different that all are needed. **ENSIFOLIA**—(8)9. Close edger or rock garden plant. Dense foliage, set with many-rayed golden daisies, each with yellow, cushion center. Plants, each 50c; 3 for \$1.40. **SALICINA**—(3)25. Armenian Daisy. Thickets of stems, topped with pretty golden daisies. Pkt. 15c; 1/16 oz. 25c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **MAGNIFICA**—(3-4)70. Spectacular Caucasian beauty. Immense, single flowers with long petals in deepest yellow. Pkt. 20c. Plants, each 55c; 3 for \$1.50.

1 **ISATIS GLAUCA**—cbx(2-3)40. Woad. Blue-glaucous foliage, flower-canopies above, myriad little blossoms in bright yellow. Then decorative seeds. Pkt. 15c; 1/8 oz. 30c.

3 **ISMENE CALATHINA**—The Giant Peruvian Daffodil, botanically Hymenocallis. Immense chalice-flowers that seem of snowy wax, each cup decorated with streamer-petals of the same pure whiteness. *Illustrated page 4.* A splendid summer-flowering bulb, easy to grow and easy to store. Handle in winter as Gladiolus. Each 35c; 3 for \$1.00; 10 for \$2.75.

2 **ISOLOMA HIRSUTUM**—w. Showy Gesneriad with scarlet flowers and downy leaves. For pot culture. Pkt. 30c.

3 **IXIA BLEND**—eck(w)(1)20. Pretty blossoms of pink, rose, crimson, lilac, orange or cream. Usually handled as a winter pot bulb, but by mulching, heavily with straw or leaves, may often be wintered outside. Pkt. 15c; 1/16 oz. 35c.

3 **IXIOLIRION MONTANUM**—rkt(1-2)16. Winter-hardy cousin of Amaryllis with clusters of star-spread trumpets in amethystine blue. *Illustrated page 4.* Pkt. 20c; 1/16 oz. 40c.

GRAPE IVY—Cissus rhombifolia. Shining, deep green leaves. Attractive vine for window. Plants, each 40c.

4 **THE BALTIC IVY**—A strain of the English Ivy, Hedera helix, that is winter-hardy well north, even in rather cold, exposed places. Graceful evergreen climber, or ground cover. Plants, each 50c; 3 for \$1.40.

4 **KALMIA LATIFOLIA**—Laurel. Hardy evergreen shrub with lovely, clustered, spring blossoms in pink shades. Azalea culture throughout. Pkt. 20c.

1 **JASIONE PERENNIS**—ercbx(2-4)14. A Campanula relative with rather large "blossoms" in Scabiosa reminder, but each is really a tightly packed, upfacing cluster of tiny, skyblue bells. The flowers appear over a long season. Try it with Dianthus Knappi for pleasant contrast. Pkt. 20c; 1/4 oz. 50c. Plants, each 45c.

2 **KLEINIA**—Ornamental foliage p'lants for pot culture. **MANDRALISCAE**—Silvery blue are the long, fat pencils of leaves. A really good foliage plant of distinctive appearance. Plants, each 45c. **ARTICULATA**—Candle Plant. The stems are like short pieces of a pale green candle, set end to end. Polished green leaves. Plants, each 40c.

1 **KNAUTIA DRYMEIA**—*cbx(8)40. Big "Scabiosa" blossoms in mauve-pink to lavender and near-violet, with sometimes a white. Flowers first year. Full hardiness. Everblooming. Pkt. 15c; 1/16 oz. 25c. Plants, each 45c.

4 **KOELREUTERIA PANICULATA**—jyt 20 ft. Golden Rain Tree. Enormous panicles of bright yellow for several late summer weeks. Full hardiness. Pkt. 15c; 1/4 oz. 40c.

2 THE DECORATIVE IVIES

Ornamental strains of English Ivy (Hedera helix), to be grown in pots in the window garden, or for the porch box or hanging basket. Five interesting varieties. Note that the Ivies are variable, and any of them may at times show some leaves of other form than as described here. **SELF-BRANCHING IVY**—Gracefully compact, small-leaved form with tendency to branch freely. Each 40c; 3 for \$1.10. **HEART IVY**—Glossy, heart-shaped leaves of darkest green. A delight. Each 50c. **PARSLEY IVY**—Crispy leaves, mostly unlobed, crinkled, almost frilled, at the edges. Less dark than the others. Each 50c. **BIRD-FOOT IVY**—Distinctive, form with deeply cut leaves of rich green. Each 45c. **MAN-DA CRESTED IVY**—Gracefully undulate leaves, so waved they appear crested. Each 50c. **OFFER 133AN**—One plant each of the five for \$2.10.

3 IRID MARVELS

Blended seeds of Iridaceae. This description is written before we are sure what kinds will be available, but included are likely to be Libertia, Homeria, Synnotia, Dierama, Hesperanthera, Morea, Trigridia, Geissorhiza, Aristeia, Ixia, Cypella, Babiana, Streptanthus, Schizostylis, Tritonia, Belamcanda, Crocus, Sparaxis, Romulea, Freesia, etc. Best handled in pots. Strange beauties here. Pkt. 20c; 3 for 50c.

4 **KOLKWTZIA AMABILIS**—yt(2)75. Beauty Bush. Hardy Chinese shrub with corymbs of exquisitely beautiful pink bells, each with yellow throat. Pkt. 20c; 3 for 50c.

5 **FLOWER KALE**—k. Called so because the whole plant seems a brilliantly painted flower as the rich autumn colorings of pink, rose, magenta, with white and cream appear against the deeper green of the curled and undulate foliage background. Fully hardy, and the bright hues are held, even intensified, through the cold of winter. Pkt. 20c; 3 for 50c.

2 KALANCHOE

Pleasant, easy plants for pot culture, all of them decorative in foliage, most of them also with attractive flowers. So different are they, one from another, that it is difficult to believe they are all Kalanchoes. **BLOSSFELDIANA**—Brilliant scarlet flower clusters over succulent, shining leaves. Pkt. 25c. Plants, each 45c; 3 for \$1.25. **FEDTSCHENKOI**—Madagascar Beauty. Thick, blue-silvery leaves with red-toned margins. Pendulous flower-bells of rose, with coral and amber shadings. Plants, each 40c; 3 for \$1.10. **SOMALIENSIS**—Thick, soft green leaves, becoming rosy at the margins. Flowers white. Plants, each 40c; 3 for \$1.10. **TOMENTOSA**—Panda Plant. Thick wide leaves are covered with a gray-tawny downiness. About the edge of each is set a series of contrasting brown spots. An interesting and decorative plant. Plants, each 50c; 3 for \$1.40. **VERTICILLATA**—Slender pencils of leaves, marbled chocolate on pale roseate olive, are carried in serried whorls on tall stems that become crowned with circlets of bell-blossoms in shades from pink-toned orange to orange scarlet. *Illustrated opposite.* Plants, each 40c; 3 for \$1.10. **MARMORATA**—The leaves are thick, scalloped ovals, smoothly gray-green, with contrasting marblings of brown-purple. The long-tubed flowers, carried in clusters, are of waxen whiteness, expanding into four-pointed stars. Plants, each 40c. **OFFER 134AN**—One plant each of the six for \$2.20.



2 **KALANCHOE LUGARDI**—Interesting species from Kenya for pot culture. Layers of succulent pale green leaves on thick stems that end in wide clusters of soft yellow flowers. "w" culture. Pkt. 20c; 3 for 50c.

2 KING'S CROWN

King's Crown is a folk-name for the ever beautiful, and easy, house plant, Jacobinia carnea. It blooms several times a year, the pure pink blossoms with delightfully curled flower petals, being carried in fairly dense, yet graceful and airy, trusses. *Illustrated back cover.* Plants, each 60c; 3 for \$1.50. Also **KING'S CROWN BLEND**—w. A mixture of seeds of Jacobinias, Justicias etc. Pkt. 25c.

BOOKS—Five good ones on pot plants. **ENJOY YOUR HOUSE PLANTS**—Jenkins and Wilson. House plants in home making. Full directions. Includes African Violets. Illustrated, \$3.00. **PLANTS IN THE HOME**—Balthis. Full cultural directions. Descriptions. Oddities. Propagation. Drawings. \$3.75. **GROW THEM INDOORS**—Wood. Descriptive information. Covers hundreds of plants. Illustrated. \$2.50. **HOUSE PLANTS UNUSUAL**—Wood. It tells about the less usual plants that will add interest to the window garden. Illustrated. \$2.50. **PLANTS AND FLOWERS IN THE HOME**—Post. A practical, easily understood book by the associate professor of floriculture at Cornell. Illustrated. \$2.25.

3 **LACHENALIA**—w. This likeable winter-flowering bulb for pot culture is fairly easy from seed; easy, too, to bring to bloom in window or greenhouse. The flowers, usually narrow, pendulous bells, are carried in loose spikes. Bright colorings along with pastel tones, primrose to orange, pink to crimson, with cream, opaline blue, and approaches to violet. *Illustrated.* Fine mixture. Pkt. 20c; 3 pkts. for 70c.

2 **LAMPRANTHUS EMARGINATUS**—

Pretty half-trailer for hanging basket, porch box or pot culture. Thick, triangular leaves of soft cool green. Rather showy flowers of brilliant rose. Plants, each 40c; 3 for \$1.10.



1 LATHYRUS LATIFOLIUS MIXED—eck(2-3)96. Big clusters of "Sweet Pea" flowers in white, and shades of pink and rose, to rosy red. It cuts. Winter-hardy vine for trellis, fence, bank cover. Pkt. 15c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.25.

1 LATHYRUS WHITE PEARL—Big, pure white clusters. Desirable for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 45c.

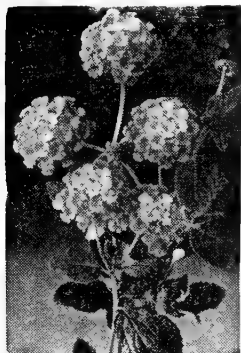
1 LAVATERA CACHEMIRIANA—ebx(3-4)50. A hardy, perennial Lavatera, with big blossoms of purest pink. Pkt. 15c. Plants, each 45c; 3 for \$1.20.

1 LAVANDULA VERA—erbx(2-3)16. True Lavender, Compact plants with attractive gray, aromatic foliage. Very many spikes of pretty and fragrant lavender flowers. Desirable hardy perennial, rock garden, herb garden, edgings. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, each 50c; 3 for \$1.40. Plants also ready of PINK-FLOWERED LAVENDER at each 55c; 3 for \$1.50; and of WHITE-FLOWERED LAVENDER, at each 55c.

4 LARIX LEPTOLEPIS—jk 80 ft. JAPANESE LARCH. A splendid tree, ornamental, easy to start, quick growing, long enduring. A deciduous conifer, in spring needles of soft new-green, then blue-green in summer, and in autumn becoming golden. Handsome lawn tree. Pkt. 20c; $\frac{1}{8}$ oz. 50c.

2 SHOWY LANTANA

Fine window pot plants for near-continuous blossoming, used, too, in window box or for summer outdoor bedding. Varied tones of yellow, orange and near-scarlet, with rose pink and lilac. ew(8)16. LANTANA MIXED DWARF HYBRIDS, seed, pkt. 15c; $\frac{1}{8}$ oz. 25c.



LANTANA PLANTS—Showy sun-lovers that will give bright flowers both winter and summer. *Illustrated opposite.* **RADIATION**—Golden bronze to rich red-orange. Each 45c; 3 for \$1.20. **WHITE**—Wide, white clusters. Plants, each 45c; 3 for \$1.20. **LILAC PINK**—Bright pink-lilac, usually with center of creamy yellow. Each 45c; 3 for \$1.20. **GOLDEN KING**—All showy golden yellow. Plants each 45c; 3 for \$1.20. **MONTEVIDENSIS**—A pretty lavender. Plants of branching, graceful habit. Aromatic foliage. Plants, each 45c; 3 for \$1.20. **OFFER 135AN**—One plant each of the five for \$1.95.

5 LARKSPUR GIANT IMPERIAL

The Imperial Strain of this beautiful and desirable annual flower gives upright stems to 40 inches, spikes tightly packed with big double flowers in clear azure, coral, rich indigo, carmine, soft lavender, snowy white, glowing salmon. Fine cut flower. Pkt. 15c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

LARKSPUR EARLY GIANT HYACINTH—It blooms considerably earlier than the Imperial strain, and there are no branches, just one great, tapering. Hyacinth-like spike of solid bloom, each individual flower fully double. Full color range. 40 inches. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

LARKSPUR NEW REGALE STRAIN—Notable for the long, thick, dense spikes of rather delphinium-like flowers. Base-branching. Splendid for cutting. Full Larkspur color range. Pkt. 20c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.

5 LION'S TAIL 2

It is **LEONOTIS LEONURUS**, and folk-name for it in its South African homeland is The Lion's Tail. In the North Leonotis may be grown as an annual by starting early under glass, giving many weeks of flaming color through the autumn season. The flowers are carried whorl above whorl about each of the many stems in manner shown by *Illustration opposite*, and there could scarcely be a more vivid red-toned orange. A long-lasting cut flower and bushy house plant, or it will give spectacular effects in the garden. cbk(w) (5-7)50. Pkt. 25c. Plants, each 50c.



4 SHOWY FRENCH LILACS

Great trusses of fragrant blossoms in white, pink, rose, blue, violet, purple, crimson, single to most intense double-ness. Lilacs (Syringas) are easy from seed sown outside in latest autumn or earliest spring often giving bloom by third year. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

1 TRUE EDELWEISS (Leontopodium alpinum)—rkt(2)6. Slender, downy foliage, Silvery white, star-shaped "flowers." A good, and unusual, perennial for any sunny spot in the rock garden. Pkt. 20c; 3 pkts. for 50c.

1 LEPACHYS MAROON AND GOLD—*ebx(3)36. Exceedingly attractive but odd flowers, silk-sheened columns guarded by reflexed petal-rays of gold-edged maroon. Pkt. 20c. Plants, each 45c; 3 for \$1.20.

4 LESCHENAULTIA BILOBA—w. Dwarf Australian plant with heath-like leaves and handsome blue flowers. It has been called the most beautiful wild flower of Australia. For pot culture under glass or in open in California. Pkt. 25c.

3 LEUCOCORYNE IXIOIDES ODORATA—k(w)(7)18. The Chilean Glory of the Sun, a handsome winter-flowering bulb with large and starry soft blue blossoms. Richly fragrant. Pkt. 20c; 3 pkts. for 50c.

4 LEUCADENDRON ARGENTEUM—w. Silver-tree. Highly decorative. Densely foliaged, each leaf a shimmer of silky silver. North, usually grown as a tub plant. 7 seeds. 25c.

5 LINDHEIMERA TEXANA—ecx(8)24. S'ar-cup. An easy, ever-blooming annual flower, long-lasting when cut. The five wide golden petals are arranged to form both a star and a cup. Lindheimera should be better known. It has real garden merit. *Illustrated page 5.* Pkt. 15c.

1 THE PRETTY LEWISIAS 3

No more beautiful rock garden plants than the Lewisias when in full glory of exquisite bloom. The blossoms are like little feathery Water Lilies. Of full winter hardiness. "kt" culture. **FINCHI**—(2)8. Buds of bright orange open to large pink blossoms with rose stripes, petals with faint hint of orange toward the edges. Plants, each 55c; 3 for \$1.50. **HOW-ELLI**—(2)8. Here the fairly large blossoms vary from creamy blush, often with apricot suffusions, through pink, to rose. Evergreen foliage, crisped and undulate at the edges.



Pkt. 25c. Plants, each 55c; 3 for \$1.50. **REDIVIVA**—(2)6. Blossoms are rather larger than those of the others here, feathery flower-cups of pearl pink, several open at once. Deciduous, the foliage disappearing after flowering, remaining dormant during the summer months, new growth, starting in autumn. *Illustrated opposite.* Pkt. 25c; $\frac{1}{32}$ oz. 50c. Also available in roots. April-May delivery, at 3 for 50c; 7 for \$1.00. **LEWISIA BLEND**—Seeds of several species in mixture. Pkt. 25c.

1 LIATRIS (Blazing Star)

Unexcelled for cutting, or for summer garden decoration. "kt" culture. **ELEGANS**—(3)28. Large and starry "blossoms", pure lavender and often with white centers. The long, curved stamens give airy effect. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, each 55c. **SPICATA**—(3)50. Long, dense columns of fluffy purple. Showy in garden or when cut. Pkt. 15c; $\frac{1}{8}$ oz. 50c. Plants, each 45c; 3 for \$1.30; 10 for \$3.65. **SCARIOSA AVALON**—(4)50. Blazing feather-torches of great tassell-blossoms in pulsating purple-violet. *Illustrated back cover.* Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.20. **SCARIOSA PURE WHITE**—Perhaps most beautiful Liatris. Big, lace-edged blossoms of purest swansdown whiteness. Pkt. 35c. **PYCNOSTACHYA MIXED**—60 inches. Packed pillars of plumose blossoming, mostly in rich purple, varied with a few whites. Showy. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 45c; 3 for \$1.20; 10 for \$3.65. **PYCNOSTACHYA ALBA**—Pure whites only. Snowy pillars of bloom. Pkt. 20c; 3 pkts. for 50c. Plants each 45c. **OFFER 137A**—One pkt. each of above for 95c. **LIATRIS BLEND**—Above, with perhaps others. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

1 LILY TURF

It is **LIRIOPE SPICATA**, winter-hardy Chinese perennial, *illustrated opposite*. Over fountains of ribbon leaves come spikes of little blue flowers, then berries of polished black that hold until April; decorative most of the year. 10 inches. Sun or light shade. Rock garden, edging, ground cover. It spreads slowly until a space is filled with springy leafiness. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c; 1 oz. \$2.00. Plants, each 40c; 3 for \$1.05; 10 for \$3.00; 25 for \$7.00; 100 for \$26.00.



3 LILIES FROM SEED

Lilies are fairly easy from seed. At Old Orchard we have so produced them by the thousands. Just follow directions on cultural circular that comes with the seeds, sowing, of course, at seasons indicated by key letters after the catalog listings. Explanation of key letters on catalog page one.

AMABILE—kt(2)30. Friendly Lily. Large, recurved flowers of grenadine orange, chocolate dotted. An easy garden Lily of much beauty. Pkt. 20c; $\frac{1}{8}$ oz. 70c.

AURATUM—cbyt(3-4)60. The Great Gold-banded Lily. Big flowers with wide, white petals, each petal centered with a golden stripe, often with roseate dotting. *Illustrated below.* Seed-grown stock is quite long-lived. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

AURATUM EXTRA HARDY—Selected from a strain found growing in the extreme north of Japan, this stock is claimed to show high resistance to winter damage in cold climates. New growth starts later in the spring, yet blossoming begins about two weeks earlier than with the regular Auratum. Also the plants are somewhat shorter, though the flowers are large. Pkt. 40c; 3 pkts. for \$1.10.

AURATUM EARLY-FLOWERING—A special strain of Auratum that blooms some three to six weeks earlier than the regular Auratum, which it otherwise resembles. Pkt. 35c; 3 pkts. for \$1.00.

AURATUM DISEASE-RESISTANT STRAIN—Seeds saved from a clone of Auratum that seems fully resistant to mosaic disease. Auratum is naturally a long-lived lily. It is simply the prevalence of mosaic in so many stocks of it that has caused it to be thought of short life-duration. This mosaic-resistant strain should make Auratum as easy, and enduring, as Regale. Pkt. 75c; 3 pkts. (customer limit) for \$2.00.

BELLINGHAM HYBRIDS—kt(3)60. Superb hybrid strain of west coast Lilies with long-lasting flowers that range from clear yellow, through golden orange, to red-orange, often with scarlet-tipped petals. Many of the flowers will be spotted red-brown. Blossoms mostly recurved, carried in pyramidal heads of many flowers. Pkt. 35c; 3 pkts. for \$1.00.

CANADENSE—yt(3)50. Wide blossom-bells that vary pleasantly in tones of lemon, orange, red. Pkt. 20c; 3 pkts. for 50c.

CANDIDUM—yt(3)50. The pure white Madonna Lily. Seedlings are healthy and long-lived. Pkt. 35c; 3 for \$1.00.

CATESBAEI—yt(3)25. Vivid, upfacing flowers of scarlet, yellow at base. Shade-tolerant. Pkt. 25c.

CENTIFOLIUM—kt(3)50. A magnificent white trumpet lily with creamy and rosy tints. *L. leucanthemum chloraster.* Pkt. 25c; $\frac{1}{16}$ oz. 75c.

COLUMBIANUM—yt(2-3)50. An adaptable species with showy flowers in flaming orange, faintly purple-dotted. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

CONCOLOR—ekt(2)28. The vividly colorful, cheerful, Red Star Lily. Upfacing flowers of brilliant vermilion. None easier; none gayer. Sometimes blooms first year from seed. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

CROCEUM—yt(2)35. Orange Lily. Upfacing chalice of glowing orange. Pkt. 20c.

DAVIDI—ekt(3)40. A quick Lily of much beauty. The willowy, graceful stems are loaded with charming blossoms in a shade between apricot and cinnabar, with orange reflections. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25.

DAVURICUM WILSONI—ekt(2-3)50. An unusually tall strain of Davuricum with vase-shaped flowers of deep apricot orange, the blossoms upfacing, and particularly large. June and July. Pkt. 35c; 3 pkts. for \$1.00.

FORMOLONGO—Fine hybrid Lily, cross of Formosanum and Longiflorum. Flowers are pure white within and without, running up to 7 inches long and 9 across. A vigorous, hardy strain, highly resistant to mosaic, and a splendid cut flower. Often blooms 8 months from sowing. Pkt. 50c; 3 pkts. for \$1.40.

GIGANTEUM—yt(3)120. The noble Himalayan Lily. Lofty spikes of down-hanging white trumpets above great, glossy heart-shaped leaves. Showy. Needs light shade and mulching. Pkt. 25c; $\frac{1}{16}$ oz. 45c; $\frac{1}{8}$ oz. 80c.



FORMOSANUM—ekt(3)50. Wilson's Variety. An exceedingly easy, and altogether lovely Lily that will often give some bloom first year from seed. Hardy in Maine. The long trumpets may be of purest snowy white or again white with delightful rosy suffusions. *Illustrated page 28.* Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c; 1 oz. \$3.00.

FORMOSANUM PRICE'S VARIETY—k(3)25. Alpine race, blooming about two months earlier than the regular Formosanum. Pkt. 35c; 3 for \$1.00.

FORMOSANUM INTERMEDIATE—In both season and height it comes between the Price and the Wilson strains, intermediate in both respects. The three give a long continuous season. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

FORMOSANUM WHITE SELECTION—ecbk(3)40. Selected to give trumpet flowers of purest whiteness, without suffusion of other color. At the same time selection has been made of form and size, in the endeavor to build a uniform strain of highest value for cutting. Comes pretty true, but always a few seedlings will revert to regular type. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00; 1 oz. \$3.50.

GOLDEN GLEAM—ekt(2)36. An altogether easy and lovely Lily, likely a color form of Tenuifolium. Many recurved blossoms in rich honey-amber. An occasional seedling may throw red flowers. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 70c.

HANSONI HYBRIDS—yt(3)60. Hanson crossed with Martagon. Colorings range from rich cream, through apricot, buff and orange, to purple. Rare beauties have come from this. Strain has been offered also under names New Hybrids, Backhouse Hybrids and Martagon Hybrids. Pkt. 25c; 3 pkts. for 70c; $\frac{1}{16}$ oz. \$1.00.

HENRYI—kt(3-4)50. In late summer the arching stems of this graceful Lily carry wax-petaled blossoms of deepest golden amber. Fine species for the mixed herbaceous border. Tolerant of shade or sun. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

HENRYI HYBRIDS—This strain likely carries some blood of *L. myriophyllum superbum*. Flowers average close to Henryi, but sometimes vary into buttercup yellow, or show buff and creamy tones. Pkt. 25c; 3 pkts. for 70c.

HUMBOLDTI—yt(3)60. Lily of spectacular showiness, big orange blossoms set over with purple dots. Pkt. 20c.

HYBRIDUM TIGRINUM—Davuricum x Tigrinum, recrossed on Tigrinum. Interesting variations here. Pkt. 35c.

JAPONICUM—cbkt(w)(2-3)30. Sweetly scented trumpet-flowers in shades of pink, from blush to rosy carmine. Usually grown in pots, but it is hardy outside in well-drained soils if given winter mulching. Synonym *Lilium Krameri*. Pkt. 25c; $\frac{1}{16}$ oz. 50c; $\frac{1}{8}$ oz. 90c.

KELLOGGI—y(3)48. The Clematis-scented flowers, open pale pink, deepening to lilac. Not one of the easier Lilies, but assuredly one of the more beautiful. Pkt. 25c; 3 for 70c.

LONGIFLORUM—kt(2-3)30. True Easter Lily. Many, great, wax-white trumpets, sweetly fragrant. May be grown in pots, but it is also usually winter-hardy in the open ground to about Portland, Maine. In cold areas, protect planting with leaves or litter. Seedlings some times bloom first year. Pkt. 25c; 3 pkts. for 70c.

MACROPHYLLUM—k(3)15. A rare and pretty little species, with funnel-shaped flowers of soft rose. Technically a Notholirion. Pkt. 35c; 3 pkts. for \$1.00.

MARTAGON—kt(2-3)60. Reflexed, waxy flowers of rosy purple, dotted violet, are carried in high racemes. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

MARTAGON ALBUM—Here the piled blossom pyramids are snowy white. An exquisite beauty. Pkt. 25c; $\frac{1}{16}$ oz. 40c.

MARTAGON DALMATIUM—Velvety maroon purple, rich and dark. Pkt. 25c; 3 pkts. for 70c.

MAXIMOWICZI—ekt(3)65. A superb species of latter summer weeks with reflexed blossoms of salmon red, black dotted. Follows Davidi in blooming time. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

MAXWILL—ekt(2)60. Handsome flowers of apricot-orange on vigorous, upright plants. Cross of Maximowicz and Wilmottiae. Pkt. 25c; $\frac{1}{16}$ oz. 60c.

MEDELOIDES—kt(3)25. In Japan they call it the Wheel Lily, and consider it one of the better garden kinds. Flowers vary from apricot to scarlet. Pkt. 25c; 3 pkts. for 70c.



NEPALENSE—kt(w)(3)30. Rather tender Lily from northern India. Flowers are pale yellow trumpets with wine stainings. Pot culture. Pkt. 25c.

PARDALINUM—yt(2-3)60. The richly-hued Panther Lily is one of our own particular favorites. Spectacular flower-pyramids of orange and dominant crimson. Hardy and adaptable. Pkt. 25c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

PHILADELPHICUM—statkt(2-3)40. Flame Lily. Upfacing chalice-flowers of most fiery orange, shading to burnt orange at petal base. Pkt. 20c; 3 pkts. for 50c.

PHILADELPHICUM HYBRIDS—kt(3)36. Mostly crosses of Davuricum and Philadelphicum, made by Canadian plant breeders. A most interesting race, showing pleasing variations in form and coloring. Pkt. 25c; $\frac{1}{16}$ oz. 70c.

POMPONIUM—cbyt(2)40. Brilliant scarlet flowers, wax-like, reflexed, sometimes as many as ten or twelve on a stem. A showy species. Full sun. Pkt. 30c; 3 pkts. for 85c.

REGALE—ekt(2)50. The King of Lilies, exceedingly easy, and none more beautiful. Glossily white and waxlike are the great, flaring trumpets, but within there is a lemon-tinting, the reverse showing rosy suffusions. Richly perfumed. Splendid cut flowers. Seed germinates quickly, and quite strongly. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.80; $\frac{1}{4}$ lb. \$6.00.

REGALE-GROUP HYBRIDS—ekt(2-3)60. An easy and hardy section with fine, large flowers that vary from wide funnels to long, open trumpets, from white with slight rose shading to others deeply suffused without in pink, rose or brown purple. Within the flower there may be white, deepening to cream, or richer, more dominating tintings of lemon yellow. Mostly they bloom later than Regale, lengthening the season by some weeks. They are the results of varied hybridizations and intercrossings of Regale, with Sargentiae, Centifolium, Myriophyllum superbum, and perhaps others. For separate hybrid strains, see the TREASURE CHEST. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

RUBELLUM—Rstatkt(2)20. Sweetly scented flowers of delightful rosy pink. An exquisite Lily, and reasonably winter hardy, but may also be grown in pots. Offered subject to arrival. Pkt. 30c; 3 pkts. for 85c; 10 pkts. for \$2.50.

SARGENTIAE—kt(3)60. Handsome species with flaring trumpet flowers, waxy white within, rose-suffused outside. Fragrant. Seeds always light and flaky. Pkt. 25c; 3 for 70c.

SPECIOSUM RUBRUM—yt(4)50. Waxed flowers of carmine pink, laid over sparkling white. Blossoms big and showy. Considered by many as the most beautiful of all lilies. Hardy and rugged. Pkt. 25c; $\frac{1}{16}$ oz. 60c; $\frac{1}{8}$ oz. \$1.00; $\frac{1}{4}$ oz. \$1.75.

SPECIOSUM RUBRUM ERECTUM—A dwarf, compact strain for pot culture, with flowers that tend to face upward. A vigorous, healthy stock that seems rather disease-resistant. Pkt. 50c; 3 pkts. for \$1.40.

SPECIOSUM NEW WHITE—yt(4)50. Vigorous new strain with big, waxy blossoms of sparkling white. This stock seems so far to be completely resistant to mosaic, but it has not been in cultivation long. Yellow anthers and light-colored seeds. Pkt. 40c; 3 pkts. for \$1.10.

SPECIOSUM-AURATUM HYBRID—A cross of Lilium auratum on Lilium speciosum Kraetzneri. The latter lily is not fertile to its own pollen, and pollen of the special strain of Lilium auratum was used in making the cross, so it is hoped that the seedlings will show a high degree of disease resistance. Seedlings from this cross have not yet bloomed, but they should give many interesting and desirable variations of color, marking and form. Pkt. 75c; 3 pkts. for \$2.00. Not more than 3 pkts. to a customer.

SUPERBUM—yt(2)100. Stately plants that may tower to 10 feet are hung with recurved blossoms in beautiful combinations and overlays of yellow, orange, scarlet and maroon. Seeds germinate first year but show no leaves until following spring. Pkt. 15c; $\frac{1}{4}$ oz. 35c; $\frac{1}{2}$ oz. 60c; 1 oz. \$2.00.

SZOVITSIANUM—styt(2)36. A beautiful, and unusual Lily from Armenia and the lower Caucasus, growing naturally in well-drained soils in open woodland. Rather large, bell-shaped blossoms of soft straw yellow, spotted with purple-black. Pkt. 30c; 3 pkts. for 85c; 10 pkts. for \$2.50.

TENUIFOLIUM—(L. pumilum)—ekt(2)36. Coral Lily. Many recurved blossoms in glossy vermillion. Easy and quick. Sometimes flowers first season. Illustrated page 41. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c.

THOMSONIANUM—(Notholirion Thomsonianum).—k(3)36. Broad spreading flowers in a pleasing tone of pink to rose. Sweetly fragrant. Of somewhat doubtful hardiness, so perhaps best handled in pots. Pkt. 35c; 3 pkts. for \$1.00.

WALLICHIANUM—k(w)(3-4)75. Tender Lily from northern India, with 10-inch, fragrant flower trumpets, creamy with olive shadings in reverse. Pkt. 25c; 3 pkts. for 70c.

WASHINGTONIANUM—yt(2-3)60. Beautiful species with wide funnel blossoms that open white, but gradually suffuse with a rose that deepens to violet. Pkt. 20c; $\frac{1}{8}$ oz. 65c.

WILMOTTIAE—ekt(2)50. A quick Lily of much beauty, the arching stems carrying flowers of orange-tinted apricot, dotted red-brown. Pkt. 20c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

OFFER 138A—One pkt. each of the 57 Lilies for \$13.25.

OFFER 139A—One pkt. each of 10 Lilies, our selection among the easier kinds, for \$1.75.

SPECIAL LILY BLEND—Includes seeds of most of the Lilies listed here and in the Treasure Chest, but not, of course, in equal proportions. Nevertheless it is a wonderfully diversified and widely inclusive mixture. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c; 1 oz. \$3.00.

BOOKS ON LILIES—Two good ones. **GARDEN LILIES**—The Macneils. New, and very good. Written by lily specialists. 240 pages. Illustrated. \$4.00. **LILIES FOR AMERICAN GARDENS**—Slate. Clear and comprehensive. Needed for constant reference. 274 pages. Illustrated. \$5.00.

1 LILY OF THE VALLEY—Lovely, perfumed, single bells of snowy daintiness, in graceful sprays. Shade-tolerant perennial for rock garden, bedding, under-tree colonies. Convallaria majalis, illustrated opposite. Plants supplied as good, individual pips, (not clumps), for outside planting only. 10 for \$1.00; 25 for \$2.25; 100 for \$8.00. Seeds, pkt. 15c; $\frac{1}{8}$ oz. 50c. Also can supply plants of the **PINK LILY OF THE VALLEY** at each 50c, 3 for \$1.35; and of the **DOUBLE PEARL** variety, fully double white flowers, at each 75c; 3 for \$2.15.



4 LUCULIA GRATISSIMA—w. Tender winter-flowering shrubs, grown North in pots under glass. Individual blossoms, pink or white, are an inch and a half across, carried in wide corymbs that may be a foot in diameter. Pkt. 25c.

1 LIMONIUM (Statice)

Called Sea-Lavender. Perennials that will add beauty to the mixed hardy planting. They cut. May be dried for winter bouquets—"kt". **LATIFOLIUM**—(3)25. Wide, graceful sprays of little lavender flowers. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **SPECIOSUM**—(3)30. Spreading, blue airiness over decorative rosettes. Pkt. 20c. **MACROPHYLLUM VIOLACEUM**—(4)36. Largest flowers and deepest coloring, a rich blue violet, but will need some winter protection in cold areas. Pkt. 25c.

5 THE DAINY LINARIAS 1

Exquisite blossoms like fairy Snapdragons. All Linarias will bloom first year from seed, and are treated as Annuals with exception of Canon Went and Macedonica which are usually handled as perennials, as are sometimes Cymbalaria and Triornithophora also. **ALPINA HYBRIDS**—6 inches. Rich purple, touched orange, but varying to cream, chestnut, roseash and the like. Pkt. 20c. **CYMBALARIA**—4 inches. Kenilworth Ivy. Pretty creeper with lilac flowers, touched yellow. For pots or porch boxes. Pkt. 15c. **MAROCCANA EXCELSIOR**—12 inches. Spikes of little Snapdragons in white, crimson-and-gold, lavender, chamois, blue-violet, rose. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c. **CANON J. WENT**—20 inches. Attractive perennial of full hardiness. Little pink blossoms fill high branchings. Pkt. 25c. **MACEDONICA SPECIOSA**—30 inches. Rather large flowers of creamy yellow, marked golden orange, over blue-glaucous foliage. Hardy perennial. Pkt. 15c. Plants, each 45c. **BIPARTITA**—12 inches. Attractive annual. Purple flowers, touched white and orange. Pkt. 20c. **TRISTIS HYBRIDS**—8 inches. Dainty everbloomers in buff, chestnut, gold, brown, purple and violet. Mixed. Pkt. 20c. **RETICULATA CRIMSON AND GOLD**—10 inches. Massed Snapdragons in crimson-and-gold effects. Pkt. 15c; $\frac{1}{8}$ oz. 25c. **TRIORNITHOPHORA**—25 inches. Large blossoms like long-spurred Snapdragons, rise tier above tier, always in sets of three. True purple with orange lip. Good, everblooming pot plant. Pkt. 25c. **OFFER 142A**—One pkt. each of above for \$1.35.

5 LINUM ANNUAL—ex(2-3)18. Easy, quick, pretty, long in bloom. **GRANDIFLOKUM**—Satin blossoms of old rose. Pkt. 10c; $\frac{1}{8}$ oz. 25c. **ANGUSTIFOLIUM**—Flowers of silky blue in enormous numbers. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

2 LISIANTHUS GLABER—w. Shining foliage and handsome golden flowers. Rare Gentian-cousin from Andean valleys. For cool pot culture. Decidedly rare. Pkt. 35c.

1 LITHOSPERMUM HEAVENLY BLUE—(2-3)6. Evergreen, rock garden perennial giving wide mounds of dark green foliage, set for months with exquisite blossoms of Gentian blue. Light shade preferred. Plants, each 75c; 3 for \$2.00.

1 LITHOSPERMUM PURPUREO-COERULEUM—(2)10. Blossoms of sapphire blue on tangled, arching stems. One of the better rock perennials. 6 seeds for 25c.

2 LIVISTONIA CHINENSIS—w. Chinese Fan Palm. One of the better ornamental Palms for pot or tub culture. A handsome plant of not too difficult culture. 3 seeds for 25c.

2 LOTUS MASCAENSIS—w. Pretty Canary Island species, a good pot or hanging basket plant. Drooping, silvery foliage and clustered, shining yellow flowers. 10 seeds for 25c.

1 LIBERTIA IXIODES 2

An informal New Zealand beauty. From dense tufts of evergreen, grassy foliage rise graceful panicles of bloom to about 20 inches. The pure white flowers, each with three petals, are carried in breeze-swung sprays. Then come ornamental orange berries that hold for many weeks, and may be cut for house decoration. *Libertia* makes a good house plant, but at Philadelphia it will also winter in the garden. It thrives in sun, but tolerates some shade. "w" or "k." Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c.

3 MAGIC LILY or LYCORIS

LYCORIS AUREA—Clusters of waxy golden "Amaryllis" flowers in August. Supplied as rooted bulbs. Foliage appears after the bloom, but do not let dry out at any season. For pot culture only in the North. Each \$1.25; 3 for \$3.60. **LYCORIS SQUAMIGERA**—A winter-hardy garden bulb. Clustered, fragrant trumpets in opaline tones, opening lilac-pink, becoming blue lavender. Showy and long-lived. *Illustrated opposite*. Each \$1.25; 3 for \$3.60. **LYCORIS RADIATA**—Clustered flowers of sparkling red, with crispy, waxy, recurved petals. Each 35c; 3 for \$1.00. **LYCORIS RADIATA ALBA**—A snowy beauty. Waxen flowers of purest whiteness. Rare. Each 90c; 3 for \$2.60.



1 LINUM, BLUE and YELLOW

Perennials of much showiness and great ease of handling. Often blooms first year. **ALPINUM**—(2)8. Desirable rock garden perennial, fine-leaved, with stems that radiate in half-decumbent carriage. Rather large flowers of soft china blue. Pkt. 20c. **AUSTRIACUM**—(2)20. Arching canopies of shining blossoms in brightest of Gentian-blues. A beauty. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants each 45c; 3 for \$1.20; 10 for \$3.60. **FLAVUM**—(2-4)16. Loose, wide clusters of showy, golden yellow flowers. In cold, exposed positions give winter protection of straw or leaves. A fine species. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c. Plants each 45c; 3 for \$1.20. **FLAVUM COMPACTUM**—Like last, but dwarf and more compact, so better for edging or the smaller rock garden. Pkt. 20c; 3 pkts. for 50c. **NARBONNENSE**—(2-3)20. Handsome species with panicles of azure blue flowers, each with a white eye. Long in bloom. Pkt. 20c. **RIGIDUM**—(3-4)20. Upright perennial with bright yellow flowers. Pkt. 20c. **PERENNE BLUE**—5(2)25. Silky blue flowers in prodigal abundance. Fully hardy, long showy. Will give some bloom the year seed is sown. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; 1 oz. \$1.10. **PERENNE WHITE**—5(2)25. Here the blossoms are mostly snowy white, but sometimes seedlings show faint blue suffusions, or white flowers with blue stripes or pencillings. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c. **OFFER 143A**—One pkt. each of the above for \$1.10.

4 LITTONIA MODESTA

A delightful relative of *Gloriosa* with curl-pointed foliage and bell-blossoms of radiant orange, like pendant Tulips. Short-pointed, sub-erect stems; not a climber. It blooms freely and long in the garden, tubers being stored in autumn. Also a fine pot plant. Pkt. 25c. Tubers, each \$1.00.

LOBELIA BEAUTY

Long-blooming plants of easy habit, all rich in color, but otherwise of quite diverse needs and uses. **ERINUS CRYSTAL PALACE**—x(8)4. Compact variety with dark foliage, covered continually with deep blue flowers. Valued for edgings, beds, pot culture. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **SAPPHIRE**—x(k)(8)8. Delightful annual semi-trailer with exquisite sapphire blue flowers, each with a tiny white eye. For pot culture, hanging baskets, porch boxes. Pkt. 20c; $\frac{1}{16}$ oz. 40c. **CARDINALIS**—5ematx(3)60. Red Birds. Flowers in the very brightest of reds, carried in tall spikes. No other hardy perennial shows such vivid color brilliance. Tolerates open shade if given plenty of moisture. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.35. **SIPHILITICA**—5ematx(3)35. Blue Birds. A desirable border perennial. Spikes crowded with blossoms of royal blue. Quick from seed. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c. **LOBELIA HARDY HYBRIDS**—ex(3)50. New group of winter-hardy Lobelias, result of crossing *Cardinalis* and *Siphilitica* with their albino forms and with each other. *Lobelia fulgens* is probably involved also. Expect anything from white, through pink and rose, to reds of several intensities, together with blues and near violets, light to dark. Pkt. 35c; 3 for \$1.00; 10 for \$2.90.

5 LUPINUS ANNUAL

Sow it early, that is main secret of success with it. It can be a very showy annual. **NANUS**—10 inches. Indigo, marked white. Particularly good. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **DENSIFLORUS**—16 inches. Dense spikes of flowers that are usually white or rosy violet. Pkt. 15c. **HARTWEGGI MIXED**—24 inches. Giant selection. Long, graceful spikes in white, blue or rose. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **SUBCARNOSUS**—18 inches. Texas Blue-bonnet. Big, bright blue flowers over silky foliage. Pkt. 10c; $\frac{1}{4}$ oz. 20c. **TRUNCATUS**—15 inches. Blood-red blossoms age to purple. Pkt. 15c. **OFFER 144A**—One pkt. each of the above for 50c.

1 LUPINUS PERENNIAL

Racemes of bright flowers over pleasant foliage. Seeds may be sown where plants are to stand. "ktj" culture. **ARBOREUS GOLDEN SPIRE**—60 inches. Showy fragrant yellow. Not overly hardy. In North, give sheltered position and some protection. Pkt. 15c. **DIFFUSUS**—16 inches. An early bloomer. The diffuse, silk-leaved plants make rather a spectacular showing when loaded with their brilliant blue flowers. Pkt. 20c; $\frac{1}{16}$ oz. 35c. **LYALLI**—6 inches. Lovely rock garden minia-ture with silvered foliage and spikes of dark blue, white-centered flowers. Pkt. 35c. **VILLOSUS**—14 inches. Massive spikes, lilac to violet. Foliage silky, shaggy. Pkt. 20c; $\frac{1}{16}$ oz. 35c. **OFFER 140A**—One pkt. each of above for 75c.

LUPINUS PEERLESS HYBRIDS—ecbk(3)35. Great, tapering, close-packed spikes in creamy pink, rose, salmon, orange, chocolate, primrose, lavender, mauve, indigo, violet and the like. The best of several strains, including liberal amount of the **RUSSELL**. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c; 1 oz. \$1.75.

1 LYCHNIS FOR BRIGHTNESS

Easily grown, brilliantly hued perennials. "x" culture. **ALPINA**—7 inches. Pretty rock garden species with dense spikes of flowers in pure white or soft pink. Pkt. 20c; 3 pkts. for 50c. **CHALCEDONICA**—25 inches. Maltese cross. Big, flattened clusters of cross-shape flowers in brightest red, or rarely salmon rose. Pkt. 15c; $\frac{1}{4}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 40c; 3 for \$1.10. **CHALCEDONICA ALBA**—Flattened clusters of pure white. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **CORONARIA CRIMSON**—20 inches. Mullen Pink or Agrostemma. Downy, silvery foliage and rose-crimson flowers. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c. **CORONARIA BICOLOR**—White, touched crimson at center. Pkt. 15c. **PRESLI**—Sheafs of rich rose, or sometimes white. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **VISCARIA SPLENDENS**—20 inches. Handsome, fountain-like plants, filled with rose pink blossoms. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. **VISCARIA ATROPURPUREA**—Like last in dark purple. Pkt. 15c. **FLOJOVIS**—(3)18. Upfacing, rose pink clusters over silver gray foliage. Pkt. 20c. **WALKERI**—25 inches. Everblooming hybrid in carmine red; foliage silvery, downy. Pkt. 15c; 3 pkts. for 40c. **OFFER 145A**—One pkt. each of above for \$1.10.

LYCHNIS DOUBLE BRILLIANCE—Massive spike-clusters of rich, bright rose. Greatly showy. A fully double form of *Lychnis viscaria*. Long blooming season. Plants only, each 50c; 3 for \$1.40.

1 LOTUS DOUBLE GOLDEN—Wide mats of fine foliage from which, in June, rise mahogany buds on 4-inch stems. Then come clusters of golden flowers like little, fully double Sweet-pea blossoms. Hardy; long-lived. Rock gardens, banks, ground cover. Plants, each 50c; 3 for \$1.35; 10 for \$3.90.

4 LUCILIA GRATISSIMA—w. Tender winter-flowering shrubs, grown North in pots under glass. Individual blossoms, pink or white, are an inch and a half across, carried in wide corymbs that may be a foot in diameter. Pkt. 25c.

1 LYSIMACHIA—ebx(3). Two excellent perennials. **CLETHROIDES**—36 inches. Many terminal spikes of pretty white flowers that last well when cut. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **VULGARIS**—36 inches. The showy "Golden Phlox". Big heads of rich yellow flowers that do resemble the flower clusters of summer Phlox, but in a new color. Pkt. 15c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60.

1 LYSIMACHIA NUMMULARIA—Pretty and hardy creeper with close foliage starred with yellow flowers. Excellent ground cover. Divisions, each 35c; 3 for \$1.00; 10 for \$2.85.

1 LYTHRUM SALICARIA MIXED—eatkt(3-4)50. The "Long Purples" of Shakespeare. Many dense, narrow spikes in rose and purple. One of the better flowering perennials of late summer. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. Plants, each 45c.

1 LYTHRUM ROBERT MORDEN—35 inches. Handsome, branching plants, long-filled with blossoms of bright, but rich, rose pink. Plants, each 65c.



MERTENSIA VIRGINICA

zoned red-brown at base. *Illustrated back cover.* Pkt. 20c.

4 MAGNOLIA BLEND—kt. Hardy trees with immense, bowl-shaped flowers of white, pink or rose. Several ornamental species in mixture. Pkt. 35c; 3 pkts. for \$1.00.

1 MALVA ALCEA FASTIGIATA—ecbx(2-3)48. A showy, satisfactory perennial, quick from seed. Desirable in the mixed border or as a cut flower. Many lihe stems are loaded with blossoms in satiny pink. Pkt. 15c; 3 pkts. for 40c.

1 MALVA MOSCHATA—(3)30. Musk-mallow. Great sheafs of blossoms in early summer, few perennials more floriferous. **MOSCHATA PINK**—Here the blossoms are a soft, pure pink. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; 1 oz. \$1.25. **MOSCHATA WHITE**—Here the flowers come in the purest of whites. Pkt. 15c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

1 MACROSIPHONIA MACROSIPHON—k(3)25. Flaring, white, 5-lobed flowers to four inches long. Decidedly showy. Will need winter protection north, but by starting early, can be grown as an Annual. Pkt. 25c.

2 MARANTA KERCHOVEANA—Prayer Plant. Handsome foliage plants for pot culture, thriving in an east window. Wide, glaucous leaves with big, red-brown spots. Little white flowers. Plants, each 65c.

5 MARIGOLD RICHNESS

Opulent beauties in pleasant diversity. **GIANT LEMON-BALL**—35 inches. Great, formal, lemon balls. Pkt. 15c; $\frac{1}{8}$ oz. 30c. **GIANT ORANGEBALL**—35 inches. Immense balls of rich orange. Pkt. 15c; $\frac{1}{8}$ oz. 30c. **GOLDSMITH**—Four-inch, incurved flowers in golden orange. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **LIMELIGHT**—20 inches. Incurved double in creamy primrose. Pkt. 15c. **YELLOWSTONE**—Purest golden yellow. Chrysanthemum-flowered. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **YELLOW SUPREME**—30 inches. Immense, loosely ruffled flowers. Light yellow. Pkt. 15c. **SUNSET GIANTS**—45 inches. Flowers sometimes 6 inches across. Pleasingly variable in color and form. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **FINE FRENCH MIXED**—16 inches. Fully double flowers in varied applications of yellow, orange, mahogany, scarlet, crimson. Pkt. 15c; $\frac{1}{8}$ oz. 25c. **TAGETES TENUIFOLIA**—10 inches. A profusion of dainty, single flowers in tones of yellow. For edgings. Pkt. 10c; $\frac{1}{8}$ oz. 25c. **OFFER 146A**—One pkt. each of above for 90c. **MARIGOLD DISPLAY BLEND**—Contains seeds of all above except tenuifolia, with others beyond. Bright and varied. Pkt. 10c; $\frac{1}{4}$ oz. 30c.

5 MATRICARIA (FEVERFEW)—eirbk(8)10. Valued for edgings, pot plants, or for cutting. Intensely double little flowers. Profuse in long bloom. **GOLDEN BALL**—Rich yellow. Pkt. 10c. **LEMON BALL**—Soft lemon. Pkt. 10c. **SNOWBALL**—Purest white. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

5 MAURANDIA MIXED—ex. Tender vine for pot culture. Quick from seed. Flowers rose, violet, white. Blooms first year, but really tender perennial. Pkt. 20c.

1 MAZUS REPTANS—Pretty little perennial mat-former from the Himalayas, the whole plant not over two inches of height. Over the mats come "Mimulus" flowers of blue-purple, the lip marked yellow and white. Rock garden; ground cover. Plants, each 45c; 3 for \$1.25; 10 for \$3.60.

1 MENTHA ROTUNDIFOLIA—Apple-Mint. A pleasant herb with white and green leaves. Plants, each 40c.

2 MESEMBRYANTHEMUM—w. As varied as are the Cacti, thick succulence and form oddities, but here never a spine. Foliage may be deltoid, pencil-like or tongue-shaped. Flowers usually bright and showy. Fine mixture, seeds per pkt. 25c.

5 MIGNONETTE FINEST MIXED—ex(2-3)12. Delightfully fragrant. B.end of long-blooming forms with big, fluffy flower-spikes in red, yellow, copper, white. Garden or pot culture. Sow in position. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

3 MILLA BIFLORA—k(3)24. The pleasant White Star Lily, *illustrated page 28*. Fragrant blossoms with petals of white, waxen crispness. It cuts. Garden and storage handling identical with that of Gladiolus. Pkt. 25c. Bulbs, spring delivery, each 25c; 3 for 70c.

2 MARICA GRACILIS

An unusual and beautiful pot plant. Iris-shaped flowers of waxy white, the reflexed inner segments bright blue, the petal-bases chestnut brown. Fragrant. New plants come from the tip of the flower-scape that eventually arches over and roots. That's how it gets the name of Walking Iris. Because of the arching leaves, plants are usually shipped with part of the foliage trimmed back. This hastens, rather than retards, blooming. Plants, each 70c; 3 for \$2.00.



1 MECONOPSIS (Blue Poppy)

Meconopsis is not always blue, but always it is beautiful. Not easy, needing cool soil and moist air. "kt" culture.

MECONOPSIS BETONICIFOLIA—(M. Bailey) Great Blue Poppy. No other Meconopsis can be more beautiful than this. Loosely clustered blossoms of lovely sky blue, with bunched golden anthers. Where happy, it may reach five feet. Pkt. 25c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.25. Available at same price we have a **DEEPER BLUE** selection. Specify this if you want it.

OTHER MECONOPSIS SPECIES—Here are six good ones. **CAMBRICA**—20 inches. The Welsh Poppy, perhaps easiest species for usual garden culture. Flowers range from pale yellow to deep orange. Pkt. 20c. **BELLA**—Dwarf, rock garden species with fern-rosettes and silky, pale blue flowers. Four inches. Pkt. 25c. **DHOWJI**—25 inches. Lemon yellow flowers above feathered foliage. Pkt. 25c. **SIMPLICIFOLIA**—Nodding flowers from blue to purple. Pkt. 25c. **WALLICHI** (Napaulensis)—Satin Poppy Blossoms of delightful dawn-blue, over rosettes of tawny featherings. 40 inches. Pkt. 25c. **WALLICHI WHITE**—Like last, but with silken petals of snowy white. Pkt. 25c. **OFFER 147A**—One pkt. each of the six for \$1.25.

1 MONARDA or BERGAMOT

FISTULOSA—Lavender Balm. Blossoms of mauve to lavender in effects of full fluffy doubleness. To five feet. Pkt. 15c; $\frac{1}{16}$ oz. 35c. Plants, each 40c; 3 for \$1.10.

AVALON HYBRIDS—45 inches. Well-filled flowerheads give effects of full doubleness, and the color variations are rather amazing, silvery, white, blush, pink, rose, mauve, violet, crimsons. Pkt. 20c; 3 pkts. for 50c.

CAMBRIDGE SCARLET—Flowers of scarlet-toned crimson for months. Showy. Plants, each 45c; 3 for \$1.10.

OLD ORCHARD PINK—Bright salmon pink are the blossoms, a pure and lustrous tone. Plants only, each 50c; 3 for \$1.40; 10 for \$4.20.

ROSE VIOLET—Flowers in a richly vivid, glowing tone that is both far-visible and attractive. Plants, each 50c.

OFFER 151AN—One plant each of the four for \$1.70.

5 MIMOSA PUDICA—k. Sensitive plant. Pretty, fluffy, mauve-pink flowers. Pinnate foliage that folds tightly when touched. A plant that is both interesting, and attractive. Summer garden, or as a pot plant. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

5 MIRABILIS or WONDER-FLOWER—Showy Annuals of easy growing. **UNIFLORA**—30 inches. Bright rose flowers in trumpet-in-trumpet form, each long tubed blossom rising from a much-ruffled second "flower" of the same vivid rose. A sowing of it makes an effective and colorful annual hedge. Pkt. 15c; $\frac{1}{4}$ oz. 30c; 1 oz. \$1.00. **PETTICOAT MIRABILIS**—Trumpet-in-trumpet form, like last, but here in mixture of gay colorings. Pkt. 20c. **LONGIFLORA**—Clusters of slender-tubed flowers, pure white or rose-tinted, intensely fragrant at dusk. Pkt. 15c; 3 pkts. for 40c. **JALAPA SPECIAL MIXED**—24 inches. Marvel of Peru or Four O'clock. O'd favorite with profuse, showy flowers in yellow, rose, red, pink, white, or tri-colored. Foliage often variegated. Pkt. 10c; $\frac{1}{4}$ oz. 25c; 1 oz. 75c. **OFFER 148A**—One pkt. of each for 50c.

1 MITCHELLA REPENS—kt. Partridge-berry. Small-leaved, shade-tolerant, evergreen creeper with little white, cherry-scented blossoms and red berries. Pkt. 20c; $\frac{1}{8}$ oz. 50c.

2 MONSONIA SPECIOSA—w. A handsome Pelargonium cousin, with showy white or soft pink flowers, always veined with deeper pink. 5 seeds for 25c.

5 MOONFLOWER (Ipomaea)—kt. Showy annual vines with flowers that open in the evening. **IPOMAEA GRANDIFLORA**—Immense white, fragrant blossoms. Pkt. 15c. **IPOMAEA BONA NOX**—Handsome mauve flowers. Pkt. 15c.

5 MORNING GLORY—x. Quick annual vines with colorful flowers that open at dawn. **HEAVENLY BLUE**—Great sky-blue blossoms. Early blooming selection. Pkt. 15c; $\frac{1}{4}$ oz. 35c. **PEARLY GATES**—Enormous flowers of purest white. Pkt. 15c. **CRIMSON RAMBLER**—Big blossoms of ruby crimson, throats white. Pkt. 15c; $\frac{1}{8}$ oz. 25c. **ROSE MARIE**—Double flowers of deep rose. Pkt. 20c. **IMPERIAL GIANTS**—The Japanese Morning Glory. Flowers of great size, in wide range of showy colorings, sometimes contrastingly splashed or edged. Pkt. 15c; $\frac{1}{4}$ oz. 25c. **OFFER 152A**—One pkt. each of the above for 65c.

1 MULGEDIUM BOURGEOI—ebx(3)50. Lovely little blossoms of pearly blue in immense plume-panicles. Good perennial of the mixed, hardy border. Pkt. 15c. Plants, each 45c.

5 MIMULUS, RICHLY TINTED 1

Blossoms as oddly formed as many an Orchid, come in colorings as exotic; cardinal, coppery crimson, blue lavender, pink, rose and yellow this sometimes red-splashed. Water in drought. The Mimuluses are, most of them, perennials, but they may be readily treated as annuals. Pkt. 15c.

1 MIMULUS RINGENS—*ebmtx(3)50. Orchid-like flowers of blue-violet with yellow lip. Showy perennial. Pkt. 15c.

2 MOREA or AFRICAN IRIS 3

South of the equator Morea takes the place of the genus Iris, but that means no lessening of family beauty, for Moreas are airier, daintier, with an alluring charm individual to them. All make splendid pot plants. Colorings include snowy white, white with blue or gold patches, soft yellow, buff, citron patched with mahogany, lilac, mauve, lavender, and violet. "kt" culture. Pkt. 20c; 3 pkts. for 50c.

MOREA IRIDOIDES—This beauty handles easily as a pot plant. Flowers to 4-inch diameter, pure white, marked with yellow at base of outer segments and with blue on inner segments. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 65c; 3 for \$1.75.

BICOLOR—kt(w). Large flowers of clear citron yellow, the outer segments with brown basal patch, the inner sometimes sprinkled with brown dots. Particularly desirable. Makes a fine pot plant. Pkt. 20c. Plants, each 75c.

MOREA ROBINSONIANA—The "Wedding Iris" of Lord Howe Island. Spectacular b'ossoms, 4 inches wide, white with yellow and rosy markings, on stems that reach 6 feet. On one stately clump 457 flowers have been counted between June and October. North, a large pot plant. Pkt. 25c.

MOREA POLYSTACHYA—kt. Blossoms like lavender butterflies, touched with yellow and violet, in handsome open sprays. Bulbs planted in garden in spring lie dormant for a time, then grow rapidly, giving glorious autumn showing. Also forces as a pot plant. *Illustrated page 2*. Pkt. 15c. Bulbs, spring or fall, 2 for 35c; 7 for \$1.00.

RAMOSA—30 inches. Bright yellow flowers carried in great corymbs of many clusters. Pkt. 20c.

OFFER 153A—One pkt. each of the five for 85c.

1 MUEHLENBECKIA AXILLARIS—Delightful tangles of red stems, set with tiny leaves of deep emerald. Wee flowers, followed by black seeds, each in its own, succulent, glistening, white cup. Fully hardy at Old Orchard, and right for the rock garden. Also an interesting pot, or terrarium plant. Plants, each 50c; 3 for \$1.40.

1 MYOSOTIS or FORGET-ME-NOT—*erx. Notable for dainty, blue blossoms, though other colors appear. **ALPESTRIS BLUE**—20 inches. Sprays of intense blue. Usually grown as an Annual. Pkt. 15c; $\frac{1}{8}$ oz. 45c. **ALPESTRIS ROSE**—The pretty pink Forgetmenot. Pkt. 15c. **ALPESTRIS WHITE**—Pure white flowers. Needed both for its own beauty, and for contrast. Pkt. 15c. **PALUSTRIS SEMPERFLORENS**—8 inches. Sprays of soft blue with lighter centers. A true perennial of pretty, graceful habit. Flowers first season from seed. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **OFFER 155A**—One pkt. each of above for 50c.

1 MYOSOTIS PINK BEAUTY—(8)8. Charming ever-blooming Forget-me-not with profuse blossoms for months, all in pure, soft pink. At Old Orchard behaves as a fully winter-hardy perennial. Rock garden. Plants, each 45c; 3 for \$1.20.

5 NEMESIA—erk. Easy annuals of much beauty. **GAYETY BLEND**—(2-3)12. Large, oddly formed flowers of white, pale yellow, pink, rose, crimson, orange and lilac, carried in long and great freedom. Pkt. 15c.

5 NICANDRA PHYSALODES—ebx(2-4)40. Easily grown old-fashioned Annual, with upfacing blossoms of bright blue, white centered. Then come curious fruits, not edible. Sometimes called Shoo-fly Plant. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

3 MONTBRETIA

For flaming, long summer color, Montbretia excels all other graden bulbs. It gives unceasing showing from June into late autumn, glowing orange, fire scarlet, yellows, apricots, salmons in many a varied tone. Safest when bulbs are dug in late autumn and stored over winter in dampish sand in a frost-proof place. Plant upon arrival, or place in damp sand until you can, for otherwise they become hard. This is a really splendid mixture. Spring delivery, bulbs, 5 for 50c; 10 for 85c; 25 for \$2.00; 100 for \$7.50.

NIEREMBERGIA ALLURE

COERULEA PURPLE ROBE—*erx(w)(8)8. Blossoms like open chalices, so many that the whole plant is but a flower-mound of rich blue-violet. Handled as an annual, it is of easiest garden culture, but also it makes a delightful long-blooming pot plant. *Illustrated opposite*. Pkt. 20c. **COERULEA SOFT BLUE**—Like last, but in a softer tone of coerulean blue. Pkt. 20c. **FRUTESCENS**—ebx(8)20. White blossoms with blue veinings and yellow throat. Fine everblooming garden Annual that sometimes also survives



mild winters. Pkt. 20c. **OFFER 158A**—One pkt. each of the three for 50c.

NIEREMBERGIA RIVULARIS—River-snow. Attractive ever-blooming matformer, to four inches, set so closely with snowy, silk-crinkly, upfacing blossom cups that the whole plant spread shows as a marble-white pavement. Winter-hardy at Philadelphia, but protect in colder areas. Plants, each 45c; 3 for \$1.20; 10 for \$3.55.

1 HARDY SENSITIVE PLANT

It is **MORONGIA UNCINATA**, called also Sensitive Rose or Trailing Mimosa. The flowers are Hyacinth-scented, fluffy balls of pure pink, set with golden anthers. The pretty, pinnate foliage is exceedingly sensitive, folding at the slightest touch. A fully winter-hardy perennial trailer of much beauty, for rock garden, bank or wall. Pkt. 20c; $\frac{1}{16}$ oz. 50c.

3 UNUSUAL GRAPE HYACINTHS

MUSCARI, Grape Hyacinth, will give easy, vivid color for springs beyond your numbering, fill your rock garden with beauty, your woodland or border with gay surprise. "kt" culture. **LATIFOLIUM**—The lower flowers are dark blue, the upper flowers sky blue. Just one extra-wide leaf. Pkt. 25c. **PARADOXUM**—Caucasian species with dense spikes of blue-black flowers. Pkt. 25c. **COMOSUM**—14 inches. Tall, loose spikes, the bells at top blue violet, at bottom, odd, olive-shaded brown. Pkt. 20c. **OFFER 154A**—One pkt. each of the three for 60c.

3 NEMASTYLIS ACUTA—rkt(2)18. Celestial Lily. Large blossoms of pure sky blue, exquisite in color and form. A bulb, to be handled as *Tigridia*. Pkt. 20c.

1 NEPETA MUSSINI—ergx(2-4)10. Blue-lavender flowers in spraying panicles over wide mounds of silver-gray foliage. Excellent, long-blooming rock garden or edging perennial. Sometimes used, too, as undercover for bulb plantings. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c. Plants, each 45c.

3 NERINE FILIFOLIA—One of the prettier bulb-flowers, blooming in autumn along with the *Chrysanthemums*. Airy blossoms in open circlets on foot-high stems, bright carmine buds unfolding to sparkling pink. It cuts well. In the North, dig the bulbs in late autumn, and carry over winter in a frost-proof place. Bulbs only, 3 for 50c; 10 for \$1.35.

5 NOLANA BLEND—ex(8)5. Chilean plant of decumbent habit. Foliage crispy, succulent, all set with wide flowers of rich ultramarine, white-centered. Delight in the garden, or for a hanging basket. Pkt. 20c; 3 pkts. for 50c.

3 NOMOCHARIS MAIREI—kt24. Lily-cousin from Yunnan. Flowers of pale rose, spotted violet. Rare. Pkt. 40c.

1 ONOSMA—rdkt(3). Nodding bugles of flowers in arching sprays. **ALBO-ROSEUM**—Rosedrop. It opens white, deepening to rose. 8 seeds for 25c. **TAURICUM**—Gold-drop. Many narrow bells in waxen lemon gold, over gray-frosted foliage. Pkt. 20c. Plants, each 50c.

OSTROWSKIA MAGNIFICA—Great Caucasian Bellflower. Stately, tuberous-rooted perennial to five feet, with many bell-blossoms of soft lilac four inches across. Needs full sun and good drainage. In cold areas, winter-protect with straw. *Illustrated opposite*. Not everyone succeeds with *Ostrowskia*, but many do. Once established, it will give spectacular bloom for years. Pkt. 25c; 3 pkts. for 70c. Root-tubers, each \$1.35; 3 for \$3.85. Note that we guarantee safe arrival of tubers in good condition for growing. After that our responsibility ends.

1 OMPHALODES VERNA—(1)5. Lovely flowers of deep blue, reminder of Forget-me-nots, are set on the short, straying stems of this delightful low perennial. Right for the rock garden. Plants, each 50c; 3 for \$1.40.

2 ORTHROSANTHUS MULTIFLORUS—w. Desirable window plant with panicles of inch-wide, sky blue flowers above grassy leaves. Goes well with *Libertia*. Pkt. 25c.



5 SWEET-SCENTED NASTURTIUMS

From cream, through lemon, chamois, salmon, rose, orange, cerise, scarlet, maroon and mahogany. "x" culture. **DWARF DOUBLE GIANTS**—Compact plant-globes massed with fragrant blossoms, semi-double and double. Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c. **DWARF SINGLE MIXED**—The desirable, free-blooming single-flowered *Nasturtiums* in superb color range. Pkt. 10c; 1 oz. 30c; $\frac{1}{4}$ lb. \$1.00. **DWARF EMPRESS OF INDIA**—Deeply bronzed leaves and velvety scarlet flowers. Makes a rich edging or bed. Pkt. 10c; $\frac{1}{2}$ oz. 20c; 1 oz. 35c. **DOUBLE GLEAM HYBRIDS**—Semi-dwarf, may be grown on trellis or as a trailer. Fragrant semi to fully double flowers in fine color range. Pkt. 10c; 1 oz. 35c; $\frac{1}{4}$ lb. \$1.10. **TALL MIXED**—Big, varied, single flowers. Vine for trellis or fence. Pkt. 10c; 1 oz. 25c. **OFFER 156A**—One pkt. each of above for 40c.

1 LOTUS or NELUMBIUM

Perennial aquatic plants of truly spectacular beauty. Of full hardiness. May be grown in pool, lake, or stream back-water, even in a tub. In sowing *Nelumbium* seeds, file through the shell, soak two days in barely warm water, then sow in saucer of sand covered with water, placing in sunny window until seeds sprout. Seedling plants should be transplanted to strawberry boxes of sand and earth in shallow edge of pool, later being set where water is deeper. The seeds are large and nutlike. Plants shipped only by express.

NELUMBIUM LUTEUM—Golden Lotus. Enormous flowers of creamy yellow, followed by oddly decorative "shaker" seed pods. 3 seeds for 25c; 14 seeds for \$1.00. Pot-grown plants, each \$2.50.

NELUMBIUM SPECIOSUM—Oriental Lotus. Splendid fragrant blossoms that may be white, pink, or carmine red. 3 seeds for 25c; 14 seeds for \$1.00. Plants, pot-grown, mixed only without color choice, each \$2.50.

5 OLEANDER DOUBLE PINK—The Oleander, *NERIUM*, is a rather easy plant of spectacular beauty when well grown. Usually handled in the north as a large pot or tub plant, set outside on open porch, terrace or lawn for summer blooming, being wintered in light cellar or cool greenhouse, or, of course, the plants may be grown year-around under glass. Quite small plants will give good flowers. We offer plants of a sort with fully double, deep pink blossoms. Each 80c; 3 for \$2.25.

NERTERA or BEAD-PLANT

Nertera depressa, a dainty creeper with tiny, lettuce-green leaves and masses of shining orange or crimson berries. Hardy well north, and makes a pretty species for the lightly shaded rock garden, but usually it is grown as an indoor pot plant, the berries attractive for months. Cultures "k" or "w." Pkt. 25c; 3 pkts. for 70c.

5 FRAGRANT NICOTIANA

The gardens of those who delight in sweet scents will hold always *Nicotiana*. eobx(8). **AFFINIS**—30 inches. Long white trumpets with sugar-sweet perfume. Pkt. 10c. **SANDERAE HYBRIDS**—28 inches. Long brightness in the rose, red and crimson range. Pkt. 15c. **CRIMSON BEDDER**—Rather greater profusion of flowers, these all in shades of rich crimson. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **SYLVESTRIS**—35 inches. Rather stately plants, with massive basal foliage and big clusters of long-tubed white blossoms on slender stems. The flowers remain open all day. Pkt. 10c; $\frac{1}{4}$ oz. 25c. **SUAEOLENS**—25 inches. Grown for the sweet fragrance. Clustered, nodding flowers of pale violet. Pkt. 20c. **OFFER 157A**—One pkt. each of the above for 60c.

ORNITHOGALUM DIVERSITIES

Showy, easy bulbs, for garden or pot culture.

3 SAUNDERSIAE—ecx(3-4)80. The Giant Summer *Ornithogalum* is a truly spectacular garden bulb-flower, to be given *Gladiolus* culture and handling throughout. From handsome rosettes of glossy leaves rise sturdy stems from 3 feet in young flowering bulbs to as much as 7 feet in older ones. The stems end in great flower clusters that open successive buds over a period of months. The blossoms are relatively large, waxy petals of creamy white about a center-boss of olive black. Long-lasting when cut, strikingly decorative in the garden. Seeds, pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 70c; $\frac{1}{4}$ oz. \$1.25. Bulbs, blooming size, spring delivery, each 40c; 3 for \$1.10; 10 for \$3.00. We can also supply a few super-size bulbs that will quickly produce flowering plants of maximum size and showiness, each 60c; 3 for \$1.65.



4 THYRSOIDES—w. Chinkerichee. Clustered, fragrant blossoms on 18 inch stems. An easy, beautiful bulb-flower for winter pot culture. Seeds germinate quickly, and plants will be giving flowers in 8 or 9 months. Sow in spring for flowers all the following winter. Long lasting when cut. Not hardy in the garden. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.60.

NYPHAEAE or WATER LILY

Sow in pots or pans or good soil, submerging the pot so at least two inches of water is above it. Keep in full sun at room temperature. Transfer to rich mud in pool or tub.

NYPHAEAE TENDER BLEND—Seeds saved from finest named sorts in full color range, pinks, reds, blues, whites. Not winter-hardy North, so usually grown as annuals, flowering quickly and long first year. Pkt. 25c; 3 for 70c.

ORCHIDS

We expect to have seeds of many Orchid species, both of the hardy native species and of the tender conservatory kinds, *Cymbidiums*, *Dendrobiums*, *Vandas* and the like. The seeds are ready at intervals throughout the year, and will be offered in issues of our *RARE-FLOWER BULLETIN*. If you are interested, please ask for the Bulletin. See also *BLETILLA*, page 14 this catalog, and *EPIDENDRUM* on page 1.

BOOK—AMERICAN ORCHID CULTURE—White. How to grow them, sources, propagation, description. 260 pages, 110 illustrations. \$6.00.

2 OSCULARIA DELTOIDES—Rather good pot plant with deltoid, succulent, blue-green leaves and pretty rose-colored flowers. Hanging baskets, porch boxes. Plants, each 40c.

1 OURISIA MACROCARPA—kt(2)20. Hardy New Zealand perennial of much attractiveness. Wide clusters of snow white flowers above thick, shining foliage. Shade tolerant. Pkt. 25c.

1 PACHYSANDRA TERMINALIS—Low, evergreen perennial that will form thick mats of glossy foliage. Sun or light shade. Excellent ground cover, or may be used in rock garden. Plants, each 35c; 3 for \$1.00; 10 for \$3.00; 25 for \$6.90.

2 PANDANUS VEITCHI—Decorative pot plant that is both easy and handsome, with its long, narrow, tooth-edged leaves of shining green, margined silvery white, all in spiral arrangement. Screw-Pine. Plants, each \$1.00.

OENOTHERA (Evening Primrose)

The big, silky blossoms unfold at dusk, mostly remaining open until well into the next day. All bloom first year. Missouriensis. Speciosa and Tetraptera are hardy perennials, but the others are best treated as Annuals. "x" culture. Rock garden or bordered. **ACAULIS**—Rosettes of cut foliage from which rise long-tubed, wide blossoms of pink-suffused white. Pkt. 20c. **GLAUCA FRASERI**—Sundrop. Soundly hardy perennial to 25 inches. The slender, red-stemmed branchings fill with flowers of brilliant yellow. Pkt. 15c. **ODORATA SULPHUREA**—(3)40. Easy Annual from Chile. Large, showy flowers of soft yellow that become apricot pink next morning. Pkt. 15c. **RUBRICALYX**—Afterglow Primrose. 36 inches. Long-blooming Annual with big yellow blossoms that contrast with shining red calyx tubes. Pkt. 15c. **TRICHCALYX**—(8)15. Enormous flowers open silky white, suffusing apricot. Pkt. 20c. **MISSOURIENSIS**—(3)10. Low hardy perennial, long-lived, spectacular in bloom. Immense flowers of glossy yellow are followed by oddly winged seed pods. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 60c. Plants, each 45c; 3 for \$1.20. **SPECIOSA**—(8)18. Wind Primrose. Big blossoms open pure white, gradually suffusing blush. Pkt. 20c. **BISTORTA VEITCHIANA**—16 inches. A showy annual with bright yellow flowers, marked purple at center. Pkt. 15c. **OFFER 161A**—One pkt. each of the above for \$1.10.

OENOTHERA PILGRIMI—20 inches. Bushy plants are loaded with flowers of rich, glossy yellowness. Far-showy. A sound perennial. Plants only, each 45c.

5 ROSY WINGS (Othake)

One of the newer Annuals, and a very good and distinctive one it is. Inch-wide blossoms are carried in corymbose clusters. Each flower has a densely double center, encircled by wing-like, lobed petals, all in a most pleasing silvery pink. Easy to grow, and free-blooming; flowers for months. It is Othake sphacelatum. Pkt. 20c; 1/16 oz. 30c.

3 GARDEN OXALIS

The dainty, colorful blossoms of the garden Oxalises open in long, profuse succession, giving months of bloom. All are good in the rock garden, or for edgings, bedding, window boxes. In autumn dig and store, as you would Gladiolus.

DIEPPI ALBA—9 inches. A delightful species excellent for edging, good in the rock garden, or for bedding. Attractive foliage densities, set over with a profusion of little white flowers. 10 for 30c; 25 for 65c; 100 for \$2.25.

TETRAPHYLLA—10 inches. Old rose flowers above brown-banded giant "four-leaf-clovers." Illustrated opposite. 10 bulbs for 35c; 25 bulbs for 75c; 100 for \$2.50.

LATIFOLIA—9 inches. A desirable species. An enormous profusion of little blue-lavender flowers, over good foliage. 10 for 30c; 25 for 65c; 100 for \$2.25.

LASIANDRA—18 inches. Larger blossoms of rosy crimson above distinctive, wheel-like foliage. A showy, ever-blooming garden bulb, handsome all season long, and large enough so that it gives good effect in groups near the front of a mixed border or foundation planting. Also forces well for winter bloom, the only species here that may be used either for summer or for winter flowering. Bulbs are naturally larger than those of the others. Bulbs, spring or autumn delivery, 10 for 40; 25 for 85c; 100 for \$3.00.

OFFER 162AN—10 bulbs each of the four for \$1.10. 25 bulbs each of the four for \$2.70. 100 of each for \$8.20.



1 PARADISEA LILIASTRUM—cbkt(3)25. Paradise Lily. A fully hardy perennial with many flaring trumpet blossoms in snowiest white, somewhat effect of Madonna Lily, size scale reduced. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 60c.

2 THE BLUE OXALIS—5ew. Though usually so-called, PAROCHETUS COMMUNIS is not an Oxalis at all, the flowers resembling fairy-size Sweet Peas in a blue that hints of buff and pink, above straying mats of miniature clover leafings. Usually grown as a pot plant, but in summer it may be set in the rock garden or by a pool. Pkt. 20c; 3 for 50c.

4 PASSIFLORA or PASSION FLOWER—w. Handsome vines for greenhouse or conservatory, or in the open far south. **CAERULEA**—Showy, flowers definitely in blue effect, though with some white and a bit of purple about them. Pkt. 25c. **EDULIS**—Large purple-and-white flowers, followed by edible purple fruits. In pots, has been known to fruit at one year. Pkt. 25c. **MOLLISSIMA**—Big flowers of rich rose. Pt. 25c. **INCARNATA**—Big, fringed flowers of much beauty, white and soft blue. Edible fruits. Winter-hardy at Philadelphia. Pkt. 20c; 1/8 oz. 35c. **OFFER 164A**—One pkt. each of the four for 80c. **PASSIFLORA BLEND**—The above, except Incarnata, with others. Each 20c; 3 pkts. for 50c.

5 PANSY 1



Our Pansy seeds are the result of long selection and careful growing. Some of it we produce ourselves. The rest of it comes from producers of fully proved dependability.

TRIMARDEAU GIANT BEDDING—Excellent mixture of large-flowered Pansies for mass effects. Wide color range, blossoms well marked. Pkt. 20c; 1/16 oz. 60c; 1/8 oz. \$1.00.

MASTERPIECE RUFFLED—Flowers so deeply ruffled and crinkled that they sometimes appear double. Mostly rich, deep shades. Pkt. 25c; 1/16 oz. 75c; 1/8 oz. \$1.40.

EARLY-FLOWERING HARDY—Hiemalis strain. Exceptionally rugged. Will bloom earlier in the spring, and withstand more cold weather than will most other Pansies. Good color range. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

SUPER-SWISS GIANTS—Flowers of very large size, on sturdy plants. Deep, rich shades, reds, salmon rose, purple velvets and the like with contrasting blotchings. Pkt. 40c; 1/32 oz. 60c; 1/16 oz. \$1.00; 1/8 oz. \$1.90.

TRIUMPHANT BLEND—Here, if you grow it well, you should reach ultimate in Pansy size, with widest range in Pansy colorings. Vigorous, robustly stemmed plants carry enormous, rounded blossoms with broad, thick petals. The colors are brilliant and varied, and there will be a proportion with contrasting markings. Here are Pansy aristocrats. Illustrated above. Pkt. 50c; 1/32 oz. 75c; 1/16 oz. \$1.40; 1/8 oz. \$2.70.

OFFER 163A—One pkt. each of above for \$1.40.

2 PEPPER CRAIG'S ORNAMENTAL

Dwarf, compact, rather wide plants, loaded with little, up-pointing top-shaped fruits that are first creamy white, then bright orange, finally glowing, shining scarlet. All three color phases fill the plants at one time, so the effect is delightfully gay and bright. Practically ever-bearing. Makes a handsome pot plant, for which purpose it is chiefly used, but it is fine for outdoor bedding or edging, too. Pkt. 25c; 3 pkts. for 70c.

5 THE SOUTHERN STAR

Blossoms that are inch-wide stars in many-flowered sprays. The coloring, a most unusual blue of silver-veiled, pastel quality seems to have been painted on each petal. The plants grow to some fifteen inches, the stems arching so that the constellations of blue blossoms face upward. It is OXYPETALUM CAERULEUM (or Tweedia). Illustrated opposite. Seeds sown in open ground in April produce plants that are in bloom before end of June, constant blossoming from then until toward end of October. Also makes a pretty, long-blooming pot plant. Pkt. 20c; 1/16 oz. 35c; 1/8 oz. 60c.



2 **PASITHEA COERULEA**—w. A Chilean beauty for pot culture. In late winter come high, showy sprays of flowers in the deepest and richest of blues. Thrives best in temperatures on the cool side. Dormant in summer. Plants, being clusters of little tubers, each 45c.

1 **PATRINIA SCABIOSAEFOLIA**—ebcx (3-4)50. Golden Valerian. Fully hardy, attractive perennial for the mixed border. In late summer come high, airy sprays of little golden flowers. It cuts. Pkt. 15c. Plants, each 45c.

2 **PELARGONIUM**—See Geranium.

4 **TREE PEONY**—yt. Giant flowers, single to double, in wonderful color range. Includes shades and tones not found in any other Peony group. Becomes a true shrub, with woody branches. The seeds we offer were saved from a world-famous collection of fine, named sorts. 4 seeds for 25c; 20 seeds for \$1.00.

2 **PEPEROMIA OBTUSIFOLIA**—An easy pot plant, grown for the decorative effects of thick and shining green foliage. Always attractive, and of particular value in that it does well without direct sun, thriving in east or north windows. Plants, each 45c; 3 for \$1.20.

1 **GARDEN PEONIES MIXED**—yt. Seeds saved from named sorts in full color range. Technically each seedling is a new variety. You may get one worth naming. Pkt. 15c; ¼ oz. 35c.

5 **PENSTEMON ANNUAL GIANTS**—ebkt (2-4)35. The gorgeous flowers remind in form and in erratic, brilliant colorings of Gloxinia. It can be very beautiful. Effective in beds and borders, or for cutting. May also be grown as a pot plant. Blooms freely as an Annual from early sown seed, but actually it is a somewhat tender perennial, and with careful protection may be often wintered over outside. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

1 THE HARDY PENSTEMONS

Greatly showy winter-hardy perennials for border, rock garden or cutting garden. "kt" culture. **AMBIGUUS**—(2) 20. Slender, many-stemmed plants with leaves narrow and linear. The blossoms are of rather flattened form, upfacing, white, but with rosy throats and tubes. A most attractive rock garden and bedding perennial. Pkt. 20c; ½ oz. 50c. **AZUREUS**—(3)36. Handsome blossoms, blue to violet. Pkt. 20c. **BARBATUS RED**—(3-4)60. Showy red flowers in slender, branching racemes. Pkt. 15c; ½ oz. 40c. **CALYCOSUS**—(3)50. Big, handsome clusters, lilac to purple. Pkt. 20c; ¼ oz. 35c. Plants, each 45c. **COBAEA TYPICA**—(3)28. Blossoms particularly large, soft lavender with purple markings. Each plant becomes a bouquet. *Illustrated opposite.* Pkt. 15c; ½ oz. 40c. **COBAEA OZARK**—Flowers of largest size, in the very deepest and richest of royal purples. An unsurpassed beauty. Pkt. 25c; 3 pkts for 70c. **COELESTINUS**—20 inches. Pretty flowers, near sky blue, on branching plants. Pkt. 20c; 3 for 50c. Plants, each 50c. **CONFERTUS BLUE**—(3)28. Showy clusters of deep blue. Long-lived perennial of much beauty. Pkt. 20c; 3 pkts. for 50c. **CYANTHUS**—(3)36. Many big flowers of bright blue. Pkt. 20c. Plants, each 50c. **DIGITALIS**—(3)35. Vigorous, easy species with pretty flowers of silvery lavender. Pkt. 15c; ½ oz. 35c. **EATONI**—(3)25. Pretty blossoms of silvery carmine. Will need winter protection in cold areas. Pkt. 20c. **GLABER MIXED**—(3)20. Particularly good. *Illustrated above.* Big flowers in blue, pink, mauve, lavender, rose. Foliage blue-glaucous. Pkt. 20c; ¼ oz. 40c. **GORMANI**—The Alaska Penstemon. Branching plants with pretty purple flowers. Pkt. 20c. Plants, each 50c. **GRANDIFLORUS**—(3)40. Big trumpets, pure blue to orchid lavender, in towering spires. Pkt. 20c; ¼ oz. 35c; ½ oz. 60c. **GRANDIFLORUS ALBUS**—Like last, but flowers pure white. Pkt. 20c. **HAVARDI**—(3)25. Texas Snapdragon. Spikes of pretty flowers, rose to red. Pkt. 20c. **HETEROPHYLLUS**—(3)25. Profuse flowers in blue tones, mostly bright. Very good. Pkt. 20c. **MURRAYANUS**—(3-5)60. Towering panicles of a radiant scarlet. Desirable long-bloomer. Foliage blue-glaucous. Pkt. 20c; ¼ oz. 30c; ½ oz. 50c. **OVATUS**—(3)30. Decorative clusters of blue-lavender flowers. Foliage becomes crimson in autumn. Long-lived species. Pkt. 20c; ¼ oz. 35c. Plants, each 45c; 3 for \$1.20. **SPECTABILIS**—(3)40. Attractive flowers of deep rose. Pkt. 20c. **OFFER 165A**—One pkt., each of above for \$3.35.

PENSTEMON BLEND—Those above with others as good. See Treasure Chest. Pkt. 15c; ¼ oz. 25c; ½ oz. 40c.

PENSTEMON PINK BEAUTY—30 inches. Airy sprays of purest shell pink from June until autumn. A delight in the border, or for cutting. Full winter hardiness. Plants, each 50c; 3 for \$1.40. 10 for \$4.00.

PENSTEMON GARNET—25 inches. Greatly showy. Graceful sprays of big flowers in rich and glowing garnet red. Everblooming. As this is written, on Nov. 15th, our plants still carry some flowers, and they started early in June. Garnet will need sheltered position and winter protection in cold areas. Plants, each 50c; 3 for \$1.40.

1 PENSTEMON AVALON HYBRID

Here is a fully winter-hardy Penstemon that shows as wide a range of colorings as do the Annual Giants, although in quite different applications. It is a cross of Penstemons grandiflorus and Murrayanus. Fine large flowers in Grandiflorus size and form are carried on 40-inch stems above thick, blue-glaucous foliage. Range of colorings is rather amazing. There will be bluish-suffused whites, pale pinks, deep pink, rose, coral and scarlet, with variations into mauve, lilac, lavender and violet. In groups of seedlings scarcely two of the plants will bear flowers alike. An Old Orchard introduction. Pkt. 35c; 3 pkts. for \$1.00; 10 pkts. for \$2.90. Plants, no color selection, each 75c; 3 for \$2.00.



PENSTEMON COBAEA

5 PETUNIA DELIGHT

From early June days, right on through heat of summer, and far into autumn, the Petunias hold their display of garden color. Unexcelled for bedding; desirable for edgings and other decorative plantings. The fringed forms and the showy, long-lasting doubles are often grown as pot plants.

PETUNIA FIRE CHIEF—The brightest Petunia, a sparkling true red, described by the originator as "firecracker red." It is a dwarf, free-blooming sort, a companion to Salmon Supreme except in color. Pkt. 25c; 3 pkts. for 70c.

SALMON SUPREME—The blossoms open rich salmon coral, becoming purest salmon pink, the loveliest color tone found among Petunias. A dwarf, exceedingly free-blooming sort. Pkt. 20c; 3 pkts. for 50c.

VIOLET BEAUTY—Big ruffled blossoms in fringed effect, velvety blue-violet, deepening in the throat to a rich, near-black effect. Flowers may be 5 inches or more in diameter. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

PETUNIA DELIGHT BLEND—About the finest possible blend of bedding Petunias, for we have started with the "best" blend of one of the leading growers and have rectified it by adding seeds of the more desirable, lighter, brighter color tones from separately grown stock, bringing the whole into a balance, that, at least, meets our own high requirements. Pkt. 15c; ¼ oz. 30c; ½ oz. 50c; ¾ oz. 90c.

GIANT FRINGED MIXED—Giant flowers so excessively frilled and ruffled that, although single, they may seem almost double. Blossoms to 5-inch diameters in full color range, richest in the desired salmon pink and soft rose shades. Well-branched 18-inch plants. Pkt. 25c; 3 for 70c.

GIANT FRINGED DWARF—Magnificent strain. Like last in colors, fringing and form, but plants shorter and more compact, so suited to use in edgings, low beds, window boxes, pots. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

PEERLESS DOUBLE-FLOWERED—A superb blend, the very best in double-flowered Petunias. Blossoms will range from those of most intense close doubleness to more graceful, looser, ruffled doubles of truly giant size, and the colorings will cover the full range of Petunia desirabilities, richest of course in the pleasing shades and tones that lie between salmon pink and rose. Pkt. 60c; 3 for \$1.70.

OFFER 159A—One pkt. each of above for \$1.75.

SALMAGUNDI doesn't always mean pickles. One dictionary meaning is "a medley," and our particular SALMAGUNDI, offered here, is surely that. It is a mixture of seeds of pretty nearly everything we offer, including Treasure Chest listings, and of a few we don't as yet catalog (left-over from our own trial sowings). Of some kinds there will be just a trace, of others much, for this is where old seeds go. Seeds are mostly one-year old, a few older. They won't all grow, but a lot of them will, and at low price at which this is sold, you can be pretty sure of getting excellent value in plants from it. ¼ oz. 20c; ½ oz. 35c; 1 oz. 60c; ¼ lb. \$2.00.

5 PHLOX ANNUAL

Flame bright, summer-long, and as easy as ever an Annual may be. **ART-GIANT BLEND**—Flowers in half-dollar sizes, trusses massive. Varied pastel harmonies, mostly with center eyes. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 50c. **STARRED AND FRINGED MIXED**—Petals oddly painted, slashed, fringed. The gayest Phlox, colored in contrasting, intricate patterns. Pkt. 15c; $\frac{1}{16}$ oz. 35c. **GRANDIFLORA BEAUTIES MIXED**—Large flowers in wide trusses. This group has the most extensive range of colorings. Pkt. 15c; $\frac{1}{8}$ oz. 50c. **DWARF COMPACT MIXED**—6 inches. Plants low, wide, compact. Full range of vivid colorings. Edging. Bedding. Pkt. 15c. **OFFER 171A**—One pkt. each of the four for 50c.

1 PHLOX PERENNIAL

BIFIDA—(2)6. Excellent low species with large flowers, petals deeply cleft. Tones of mauve, lavender and blue, or sometimes white. Plants, each 45c; 3 for \$1.20.

AMOENA—12 inches. Half-decumbent with bright purple flowers in spring. Endures shade well. Plants, each 45c.

DIVARICATA—rsty(2)12. Wild Sweet William. In May, great spreads of glorious blue-lavender. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 65c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75.

OVATA—20 inches. Showy purple flowers. Profuse. Shade-tolerant. Plants, each 45c; 3 for \$1.25.

OVATA PULCHRA—(3)15. Low, semi-decumbent with wide leaves, and flowers of delicate pastel pink. We like this one very much. Plants, each 50c; 3 for \$1.40.

PILOSA—(2-3)16. Much-branched, ball-like plants long filled with blossoms of brilliant electric purple. Pkt. 20c. Young plants, each 45c; 3 for \$1.20.

STOLONIFERA—Shade-loving mat-former, increasing by stolons. In spring come loosely branched sprays of carmine rose on six-inch stems. Plants, each 45c; 3 for \$1.25.

OFFER 169AN—Delight for rock garden shade. One pkt. each of above seven, with names, for \$2.35.

TALL SUMMER PHLOX—Here are the tall Phloxes of our summer gardens, varieties of Phlox paniculata. Heights range from 30 to 40 inches. Gay-hued, big-panicked, and of easiest cultural requirements, they are among the more satisfactory of hardy summer perennials. Good, single-crowned plants available at **UNIFORM PRICE** of each 45c; 3 of one kind for \$1.25; 10 of one kind for \$3.85. **LILIAN**—Massive panicles of purest, unstained pink. **SPITFIRE**—A most brilliant orange scarlet. Vigorous and showy. **PURPLE HEART**—Rich blue-purple with darker centers. **EUROPE**—Blossoms pure white, centered carmine. **FIRE-BRAND**—Vivid scarlet. Large trusses. **PANTHEON**—Excellent carmine pink. **GOLIATH**—Showy rose-scarlet, flowers in large, pyramidal panicles. **MARY LOUISE**—Fine, large-flowered pure white. Blooms late summer. **CAROLINE VANDENBURG**—Deep lavender, appearing true blue at dusk. **SPECIAL FRENCH**—Soft salmon pink, deeper at center. Large flower; large truss. **LEO SCHLAGETER**—A brilliant red, called the brightest Phlox. **VON LASSBURG**—Excellent, free-flowering pure white. **MORGENROD**—Dawn-sky red with wine tones. **SWEETHEART**—An attractive apple-blossom pink. **OFFER 166AN**—One plant each of the 14 kinds, with names, for \$5.65. **OFFER 167AN**—One plant each of eight kinds, names attached, but our choice, for \$3.00.

PHLOX PANICULATA SEED—kt. Saved in mixture from better named sorts of the tall summer Phlox. Technically, each seedling will be a new variety. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 85c.

PHLOX SUBULATA PLANTS—Gay spring rugs of bright blossom and mossy foliage. **BLUE HILL**—Excellent blue-lavender. Each 45c; 3 for \$1.25. **MOERHEIMI**—Showy carmine rose, foliage rich and dense. Each 45c. **SNOWY WHITE**—Unmarked white. Very good. Each 45c; 3 for \$1.20; 10 for \$3.60. **CRIMSON BEAUTY**—Brilliant, crimson-toned carmine. Rock garden, edging, bedding, ground cover. Each 45c; 3 for \$1.25; 10 for \$3.70; 25 for \$8.50. **ROSE TUFT**—Clear rose pink. Compact cushions. Each 50c. **BRIDESMAID**—White, with rose pink eye. Each 45c. **EMERALD CUSHION**—Flowers of brilliant rose pink. Foliage richly green and dense, year-through. Plants, each 45c; 3 for \$1.25. **LILACINA**—Soft blue-lilac blossoms of medium size, but in great numbers, over thick foliage. Each 45c; 3 for \$1.20; 10 for \$3.50. **VIVID**—Bright pink with deeper eye. It has been well-called "the loveliest Phlox." Each 45c; 3 for \$1.25; 10 for \$3.75. **OFFER 168AN**—One plant each of the above 9, together with one of Camla (below), 10 in all, for \$4.00.

PHLOX NIVALIS CAMLA—8 inches. A fine Nivalis with big flowers of pure, deep pink, foliage emerald green. Ever-blooming beauty. Plants, each 50c; 3 for \$1.40.

5 PHACELIA BLEND—ek(2)10. These pretty, annual Blue-bells come into flower with remarkable speed. Varying blue and purple shades. Pkt. 15c; $\frac{1}{16}$ oz. 25c.

2 PHILODENDRON CORDATUM—Graceful foliage pot plant, semi-trailer or low vine of glossy green. Will even grow in water-filled wall vases in positions the sun seldom reaches. Each 40c; 3 for \$1.10; 10 for \$3.00.

1 PHLOMIS—cbx. Easy border perennials of considerable showiness, full hardiness and long life. **FRUTICOSA**—50 inches. Showy. Whorls of dusky yellow flowers. Pkt. 20c. **PURPLE MIXED**—50 inches. Vivid purple flowers, whorl above whorl. Pkt. 15c. Plants, each 45c. **VISCOSA**—30 inches. Whorls of soft yellow flowers above large, textured leaves. A decorative perennial. Plants, each 60c.

2 PHLOGACANTHUS THYRSIFLORUS—w. Handsome large pot plant with beautiful orange flowers in rather dense spikes. Pkt. 25c.

5 PERILLA FRUTESCENS CRISPA—eobx(9)40. Easy Annual, grown for the rich color effect of the foliage, big leaves of deep maroon with bronzed metallic sheen, the margins cut, crisped and undulate. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

1 PETROCALLIS PYRENAICA—ek(2)5. Rock Beauty. Cushions of minute leaves, set over with little white flowers that become flushed with lilac pink. Fragrant. Rare. Pkt. 25c.

1 PEROVSKIA ATRIPLICIFOLIA—The Silver or Afghanistan Sage, a most charming plant. The silveriness of the finely cut foliage merges into a snowy downiness. Flowers of lavender in a silvery haze. North, it is handled as an herbaceous perennial, fully root-hardy, making a rapid growth each spring, and blooming freely on the new stems. 65 inches. Plants, each 75c.



PHYGELIUS or CAPE FUCHSIA

Above glossy evergreen foliage rise uniquely fashioned blossom panicles, set gracefully with somewhat curved blossoms of glowing rose-scarlet. *Illustrated opposite.* With some protection of straw **PHYGELIUS CAPENSIS** has wintered safely at Old Orchard for more than ten years. Sometimes grown as a pot plant. Plants, each 75c.

4 BLUE SPRUCE

The Blue Spruce, **PICEA PUNGENS GLAUCA**, is one of the more desirable ornamental Evergreens, effective as single specimens or in mixed plantings. Pyramidal trees with foliage of frosty or metallic blue. Not at all difficult from seed if sown in late autumn or early spring. Pkt. 25c; 3 pkts. for 70c. For seeds of other coniferous Evergreens, see Treasure Chest.

1 PLATYCODON

Wide bells of flowers open from interesting balloon buds. A particularly showy and easy hardy perennial. Blossoms may be deep blue, blue-suffused white, pure white, and in a newer variety, pink. **PRAECOX GIGANTEA**—50 inches. Exceedingly large and showy flowers. Usually, but not always, blue. Pkt. 15c; $\frac{1}{8}$ oz. 40c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **MARIESI**—20 inches. A semi-dwarf with flowers usually single, sometimes duplex. Blue, white or azure-suffused. Pkt. 20c; 3 pkts. for 50c. **NEW SHELL-PINK**—Exquisitely tinted blossoms, blush to pure shell pink. Long in bloom. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.20. **JAPANESE DOUBLE**—Fine, large flowers of deep blue with double corollas, one within the other, giving rich effect. Plants, each 45c; 3 for \$1.20.

1 POLEMONIUM or JACOB'S LADDER

Clustered flowers of decidedly a prettiness are carried by these satisfactory perennials, tolerant equally of sun and shade. **erstkt. CAERULEUM**—20 inches. Upright sheafs, flower-topped in brightest blue. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c. **CARNEUM**—20 inches. Lovely bell-sprays, salmon pink to cherry rose. *Illustrated page 28.* Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 50c; 3 for \$1.40. **REPTANS**—12 inches. Early, and exceedingly floriferous. The bushy, rounded plants become blossom-mounds of soft china blue. Pkt. 20c; 3 pkts. for 50c. **RICHARDSONI**—9 inches. An especially fine dwarf blue, long-lived and hardy. Starts blooming just as Reptans is ending. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40. **OFFER 172A**—One pkt. each of the four for 65c.

2 PALMS—w. We offer two species here, suitable for large pot or tub culture. **PHOENIX RECLINATA**—Decorative species with feathery foliage. **PHOENIX TENUIS**—Like last, but more slender. Either species, 6 seeds for 25c; 80 for \$1.00.

2 PLUMBAGO BEAUTY—The true Plumbagoes are winter-tender North, but they make splendid everblooming house plants, or they may be plunged outside in summer in the manner of Geraniums. Do not confuse with *Ceratostigma*, sometimes incorrectly called Plumbago. **CAPENSIS**—Clustered flowers of brilliant azure blue, varying to pale blue, deep indigo or white. Rarely without bloom. *Illustrated opposite*. Pkt. 25c. Plants, each 45c; 3 for \$1.20.



1 PHYLLODOCE EMPETRIFORMIS—rkt(1-2)10. Rare and lovely rock garden plant with evergreen, Heath-like foliage and waxy bell-blossoms of rosy purple. Pkt. 25c.

1 PHYSALIS ALKEKENGI—(Franchetti)—x(9)25. Chinese Lantern Plant. Grown for the decorative lantern-fruits. These become vivid scarlet and may be dried for winter bouquets. Will need protection in cold areas. May be grown as an Annual by starting early. Pkt. 15c; ½ oz. 25c.

1 PHYSOSTEGIA (Obedient Plant)—Hardy, easy perennials, showy in the border or for cutting. **VIVID**—30 inches. Many stems, each ending in a wide, dense spike of large flowers in brilliant pink. Long in bloom. Plants, each 45c; 3 for \$1.20; 10 for \$3.50. **VIRGINIANA ALBA**—40 inches. Definitely, one of the better white-flowered perennials for the mixed hardy border or for cutting. Pkt. 20c; ¼ oz. 35c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75. **VIRGINIANA PINK**—ecbx(3)50. Fine perennial that will make a long display of bright pink flowers. Pkt. 15c; ¼ oz. 25c.

1 POTENTILLA or CINQUEFOIL

Pleasant, long-enduring perennials that every garden needs. "kt" culture. **AMBIGUA**—(2)4. Dainty Himalayan for the rock garden. Mats of shining leaves set with golden flowers. Pkt. 25c. **NEPALENSIS**—(8)14. Showy long-bloomer. Fountain-shaped plants carry lovely blossoms in varied tones and shades from salmon pink to rose crimson, often with darker center. Pkt. 20c; ¼ oz. 50c. Plants, each 50c; 3 for \$1.40. **DELPHINENSIS**—(1)8. This altogether beautiful species blooms in early spring, the plants becoming mounds of brilliant golden orange. Particularly good. Pkt. 20c; ¼ oz. 40c. Plants, each 45c; 3 for \$1.25. **TRIDENTATA**—(3)6. Densely bushy, neatly upright plants with dark green foliage and white blossoms. Plants, each 45c; 3 for \$1.40. **ATROSANGUINEA**—(2)20. Large flowers of scarlet-toned crimson. Pkt. 25c. **NITIDA**—(2)3. Silvery mats, set with pink to rose blossoms. Pkt. 20c. **PEDUNCULARIS**—(2)12. Feathery, silvery foliage and golden flowers. Pkt. 15c. **WHITE BEAUTY**—(3)16. Fountains of snowy blossoming. Autumn foliage becomes bronze maroon. Pkt. 15c; ¼ oz. 30c. **CHRYSANTHA**—(2)9. Many fairly large flowers, as golden as the name implies. Pkt. 15c. Plants, each 45c; 3 for \$1.20. **FRUTICOSA**—50 inches. True shrub, long in bloom, branchings filled with lemon flowers. Pkt. 20c. **TONGUEI**—A trailing, everblooming extravagance of coppery apricot blossoming, each petal touched with crimson at base. The color deepens as the weather grows cooler. Flowers June to November. Botanically *P. tormentillo-formosa*. Plants, each 50c; 3 for \$1.40; 10 for \$4.25; 25 for \$9.50. **MEGALANTHA**—(3)6. Particularly large flowers of softest yellow, over attractive rosettes of somewhat silvered leaves. Good. Pkt. 25c. **THURBERI**—18 inches. Flowers dark maroon at centers, bright cherry at petal edges. Dark green foliage. Rare, and good. Pkt. 20c. Plants, each 75c; 3 for \$2.00. **STOLONIFERA**—(2)8. Blossoms of golden orange with little red spot at each petal base. Makes wide mats with rooting runners in manner of strawberry. Recommended for ground cover in sunny positions. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **WARRENSII**—(3)20. In early summer come massed blossoms of a most intense, golden richness. Pkt. 15c; ¼ oz. 30c. Plants, each 45c. **OFFER 170A**—One pkt. each of above as offered in seeds, for \$2.00. **OFFER 176AN**—One plant each of those offered in plant form, for \$3.50.

POTENTILLA PEERLESS BLEND—Just the better kinds, a splendid color-wide blend. Pkt. 20c; 3 pkts. for 50c.

POTENTILLA DOUBLE BLEND—Seeds saved from varied double-flowered sorts, many of them Hybrids. Varied colorings. Pkt. 30c.

BOOK—10,000 GARDEN QUESTIONS ANSWERED—1488 pages. Some 800 diagrams and illustrations. The complete answer-book of gardening. By 15 experts. \$4.95.

1 PODOPHYLLUM EMODI—kt(1)12. Shade-tolerant perennial with pink-flushed white flowers, followed by edible, scarlet, egg-shaped fruits. Bronzed foliage. Pkt. 25c.

2 POINSETTIA PULCHERRIMA—w. True Christmas Poinsettia. Typically bright scarlet, but seedlings vary interestingly. Pkt. 25c.

5 GAY ANNUAL POPPIES

They will fill your garden with brilliant color harmonies. **GLAUCUM**—Showy Persian with flowers like bright red Tulips. Pkt. 15c. **SWEET BRIER**—Exquisite rose pink, flowers loosely double. Pkt. 10c; ¼ oz. 35c. **CAVALCADE**—Showy double poppy in bright orange scarlet. Pkt. 15c. **SHIRLEY SINGLE MIXED**—Dainty tones of blush, salmon, apricot, terra cotta, cherry and the like, often edged or shaded. Pkt. 10c; ¼ oz. 30c. **SHIRLEY DOUBLE MIXED**—Like last in color range and silky petalage, but here the flowers are double. Pkt. 10c; ¼ oz. 35c. **AMERICAN LEGION**—Selection of the Flanders Poppy. Brilliant scarlet, white cross at base. Will naturalize. Pkt. 10c; ¼ oz. 25c; 1 oz. 65c. **OFFER 173A**—One pkt. each of above for 50c.

1 POPPY PERENNIAL

For brilliant, easy color, plant **PAPAVER**, the Poppy, in its hardy perennial form. "x" culture. **ALPINUM**—(8)8. Rock garden daintiness, petals fringed, in white, yellow, orange, near-scarlets. Everblooming. Pkt. 20c. **ORIENTAL HYBRIDS**—(2)36. Most gorgeous of hardy Poppies. Giant flowers in effulgent orange scarlet, with proportion of soft salmons, pinks, rose, crimson, mahogany and rarely white. Pkt. 15c; ¼ oz. 30c; ½ oz. 50c. **PILOSUM**—(8)30. Olympian Poppy. Blossom-showers of apricot-orange. Pkt. 15c; ¼ oz. 25c. **PILOSUM DOUBLE FLOWERED**—A particularly fine Poppy, long-lived, yet blooming first year. Flowers largely fully double but sometimes semi-double, bright salmon-orange. Pkt. 20c. **OREOPHILUM**—(2)16. This hardy wide-clumped mountain species carries big flowers of golden salmon. Pkt. 20c. **NUDICAULE COONARA**—(8)25. Delightful pink tones, blush to rose. Pkt. 15c; ¼ oz. 35c. **NUDICAULE YELLOW WONDER**—(8)25. Big, cup-shaped blossoms in lemon to buttercup yellow. Pkt. 15c; ¼ oz. 30c. **NUDICAULE EMPRESS**—(8)26. Creamy pink to salmon rose, petals crinkly. Pkt. 15c. **ICELAND PEERLESS BLEND**—All that is best in the Nudicaule section, varied yellows, buffs, orange, white, pink tones, rose, cardinal, are gathered here. *Illustrated above*. Pkt. 15c; ¼ oz. 25c; ½ oz. 40c; ¾ oz. 75c. **OFFER 174A**—One pkt. each of above for \$1.30.



ORIENTAL POPPY PLANTS—Best handled during dormant period, late July until early September, and orders will be held for shipment then. Minimum order for shipment at one time is value \$2.00, but this may include Irises, or other plants suitable for August shipment. Unless order instructs otherwise, we reserve on Poppy orders only, right to substitute other Poppies in case of shortage. Actual name of variety sent will always be given. **MRS. PERRY**—Big flowers in lovely orange-apricot. Each 60c; 3 for \$1.65. **HELEN ELIZABETH**—Deeply crinkled petals of soft La France pink. Each 65c; 3 for \$1.80. **MANDARIN**—Glowing orange scarlet. Each 60c; 3 for \$1.65. **JEANNE MAWSON**—Sparkling Geranium pink. Each 65c; 3 for \$1.80. **HENRI CAYEUX IMPROVED**—Big flowers of old rose, shaded burgundy. Each 65c; 3 for \$1.80. **CAVALIER**—Rich, deep red. Each 65c; 3 for \$1.80. **CERISE BEAUTY**—Brilliant cherry cerise. Each 70c. **OFFER 175AN**—One plant each of above for \$3.55.

POLYGONUM DIVERSITY

Five species, quite unlike, all good. **1 AMPLEXICAULE**—x. Mountain Fleece. In summer come many, airy spikes, white to rosy red. 36 inches. Attractive perennial. Pkt. 20c. **REYNOUTRIA**—Fragrant white flower sprays. Pkt. 20c. Plants, each 70c. **AUBERTI**—Silver Lace Vine curtain of lacy, fragrant, white flower sprays. Quick grower. Pkt. 20c. Plants, each 75c. **BALDSCHUANICUM**—Hardy vine, very like last except that flower sprays are pink tinted. Pkt. 25c. **CAPITATUM**—rgkt(3-5)5. This pretty everbloomer makes close carpets of green-and-red foliage, set with fluffy blossoms-globes of soft pink. Attractive bedder or rock garden plant. May be grown as an Annual, or will winter if given straw or leaf covering. Pkt. 20c. Plants, each 45c.

1 GARDEN OF PRIMROSES

To enrich your garden with Primroses, give them a deep, moist soil, coolness, perhaps a bit of shade. Mulching between the plants with grass clippings or straw will help. Culture "kt." ALPICOLA—(2)16. Rare and beautiful species from Tibet. Mixed white and violet flowered. Pkt. 25c. AURICULA—In early spring come fragrant blossoms in rounded umbels. Colorings bright and varied, usually with center eye. Pkt. 25c; $\frac{1}{32}$ oz. 45c. BULLESIANA HYBRIDS—Desirable hardy strain, illustrated opposite. Varied colors, orange to purple, with pink, carmine, violet. Pkt. 25c; $\frac{1}{32}$ oz. 45c. DENTICULATA—14 inches. Dense clusters of handsome blossoms, lilac, lavender, mauve. Early. Pkt. 25c. Plants, each 45c; 3 for \$1.25. DENTICULATA ALBA—Like last, but flowers pure white. Pkt. 25c. DENTICULATA CACHEMIRIANA—Deeper blue than Denticulata type, with white eye. Pkt. 25c. FARINOSA—10 inches. Flowers lilac-purple with yellow eye, in large clusters. Foliage silvery dusty. Pkt. 20c; $\frac{1}{32}$ oz. 35c. FLORINDAE—45 inches. Sulphur yellow flowers in terminal clusters. Striking. Pkt. 20c; $\frac{1}{32}$ oz. 40c. NEW FLORINDAE HYBRIDS—Like last, but includes buff and apricot pink tones. Pkt. 30c; $\frac{1}{32}$ oz. 50c. GLAUDESCENS CALYCINA—6 inches. Large clusters of rosy purple flowers. Quite showy. Shade or sun. Pkt. 25c; $\frac{1}{32}$ oz. 40c. JAPONICA BLEND—25 inches. This Primula is both easy and beautiful. Towering sprays of white, cherry, rose, scarlet, coppery crimson. Pkt. 20c; $\frac{1}{16}$ oz. 45c; $\frac{1}{8}$ oz. 80c. Plants, each 45c. JAPONICA MILLER'S CRIMSON—Saved from plants with flowers like crimson velvet. Pkt. 25c. LIP-TONIANA—20 inches. Soldier Primrose. Crimson-tipped stems carry splendid 6-inch spikes of violet blue in almost a Hyacinth effect. Pkt. 35c. PULVERULENTA—30 inches. Fine hardy species with umbels of large flowers, crimson to rosy red with orange eye, carried on silvery, powdery stems. Pkt. 20c; $\frac{1}{16}$ oz. 60c. Plants, each 45c; 3 for \$1.20. PULVERULENTA BARTLEY STRAIN—The last with increased color range, from pink and rose, to red, with white. Pkt. 25c; $\frac{1}{32}$ oz. 40c. ROSEA GRANDIFLORA—9 inches. Great clusters of rosy carmine. Illustrated opposite. Pkt. 25c; $\frac{1}{32}$ oz. 45c.



STEBOLDI—8 inches. Handsome and adaptable hardy Primrose. Clusters of large flowers that may be white or violet, or, less usually, pink, rose or red. Pkt. 25c. Plants, each 45c; 3 for \$1.20. VERIS LARGE YELLOW—Big clusters of large and showy flowers in varied yellows. Pkt. 20c; $\frac{1}{32}$ oz. 35c. Plants, each 45c; 3 for \$1.20. JULIAE WANDA—(2-3)4. Colorful, long-blooming mat-former. Rich and velvety purple flowers. Plants, each 60c; 3 for \$1.60. OFFER 178A—One pkt. each of above as offered in seeds, for \$3.60.

OTHER HARDY PRIMULAS—These are good, too. Just not room to describe all. Priced per pkt. Aurantiaca 25c; Bulleyana 20c; Capitata 20c; Chionantha 25c; Elongata 25c; Elwesiana 25c; Helodoxa 25c; Kingi 25c; Roylei 20c; Sik-kimensis 20c; Canescens 20c; Waltoni 25c; Wattii 25c. OFFER 181A—One pkt. each of the above for \$2.40.

PRIMULA PEERLESS BLEND—Widely inclusive blend, the above, with others. Pkt. 20c; $\frac{1}{32}$ oz. 60c; $\frac{1}{16}$ oz. \$1.10.

1 PRIMULA POLYANTHUS BLEND

Here are gorgeous colorings, with full hardiness. The large flowers in upfacing clusters show self hues and tone variations in cream, yellow, mahogany, rosy orange, crimson, blue-violet, often with lacings of golden yellow. 6 to 8 inches. Plants increase from year to year, becoming large clumps. A Primula of much beauty, safe and sure for American conditions. Pkt. 20c; $\frac{1}{16}$ oz. 75c; $\frac{1}{8}$ oz. \$1.30. Plants, mixed colors, each 45c; 3 for \$1.20; 10 for \$3.60.

PRIMULA POLYANTHUS AVALON—A superior strain, excelling in form and carriage, and particularly in size of flower and cluster, and in range and richness of coloring. We are pretty sure that few Polyanthus stocks, either here or abroad, are as good as this. We believe there are none better. Supply limited. Pkt. 35c; 3 for \$1.00; 10 pkts. for \$3.00.

POLYANTHUS RED-AND-GOLD—A brightly colored and attractive strain with wide clusters of crimson flowers, each with wide golden eye. Plants, each 50c; 3 for \$1.40.

2 TENDER PRIMULAS

Here are kinds for pot culture, in sunny window or greenhouse. MALACOIDES—x. The Baby Primrose. Airy whorls of pretty flowers, mauve to heliotrope. Pkt. 20c. OBCONICA GRANDIFLORA MIXED—A profuse long-bloomer. Big flowers in big clusters. Widely color varied, rich in salmon, pinks, reds. Pkt. 25c. SINENSIS FIMBRIATA—Chinese Fringed Primrose. Clusters of large, deeply fringed flowers in wide range of colorings. A good house plant. Finest Mixed. Pkt. 35c; 3 pkts. for \$1.00.

TREASURE CHEST—It is a supplementary offer, just names and prices, of some hundreds of rare kinds not in this catalog. If you wish it, ask for it.

1 POLYGONATUM MULTIFLORUM—David's Harp. Graceful, arching stems carry clusters of white "lily-of-the-valley" flowers, followed by deep blue berries. Shade or sun. 36 inches. Plants, each 65c; 3 for \$1.80.

1 POLYGONELLA AMERICANA—rbkt(4)20. A very lovely hardy flower. Low masses of "juniper" foliage. In autumn come sprays of airy flowers until the whole is like a mound of fluffy new snow, the lacy blossoms finally becoming bluish tinted. As beautiful as an Astilbe. Pkt. 20c; 3 pkts. for 50c. Plants, each 55c; 3 for \$1.50; 10 for \$4.65.

5 PORTULACA DOUBLE MIXED—ex. Blossoms like little roses. Vivid scarlet, crimson, soft pink, white, buff and apricot, along with varied yellow and rose tones. Pkt. 15c; $\frac{1}{16}$ oz. 40; $\frac{1}{8}$ oz. 75c.

5 PORTULACA SINGLE MIXED—ex. Big cup-flowers in full gorgeous color range of the doubles with certain additional pleasing tones. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

2 POTHOS AUREUS—Attractive semi-trailer to be grown as a house plant in manner of Philodendron. Often will thrive in poorly lighted positions. Deep green foliage, marbled yellow. Each 50c.

5 PROBOSCIDEA BLEND (Martynia)—ex(3-4)20. Rather easy Annuals with richly hued Gloxinia-like flowers in pink-toned ivory, rich rose with coppery bars, or yellow, marked cinnabar. The weird devil-claw pods may be dried for winter decoration. Illustrated page 28. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

4 PROTEA CYNAROIDES—w. Great, oddly formed flowers to 8 inches across, deep pink with crimson tips. Spectacular. Glass culture North. Large seeds, 4 for 25c.

1 PRUNELLA GRANDIFLORA ALBA—r(2-3)6. Many wide, thick spikes of pure white flowers rise from flat foliage mats. Very good rock garden or edging perennial. Plants only, each 45c; 3 for \$1.20; 10 for \$3.60; 25 for \$8.00. Can also supply plants of PRUNELLA GRANDIFLORA BLUE at each 45c; 3 for \$1.25.

1 PTEROCEPHALUS PARNASSI—rk(3)7. Cushions of silvery gray foliage are set freely with pretty blossoms like lilac pink Scabiosas. Excellent rock garden perennial. Pkt. 20c.

2 PYCNOSTACHYS URTICIFOLIA—ew(6-7)30. Sapphire-flower. Large pot plant. Each branch ends in a dense, tapered spike of luminous blue. Pinch back to keep compact. Pkt. 20c. Plants, each 40c; 3 for \$1.10.

2 PUYA ALPESTRIS—w. This unusual Chilean Bromeliad makes a striking large pot plant. Dense rosettes of stiff leaves from which rise branched sprays of large and showy blue flowers. Pkt. 20c; 3 pkts. for 50c.

SPECIAL PYRETHRUMS—These two are usually grown as annual edgers or bedders, being started early and transplanted. PARTHENIUM AUREUM—Called Gold Feather, from the finely cut feathery foliage. Attractive golden coloring in spring and early summer, later becoming green. Pkt. 20c. PTARMICAEFLORUM—Fine, feathery foliage of silvery white. Pkt. 20c.

1 VIVID PYRETHRUM

This is the colorful Pyrethrum of the gardener, but to the botanist it is Chrysanthemum coccineum. A fully hardy, summer-flowering perennial for border decoration or cutting. "kt" culture, SINGLE MIXED—Great single daisies in pink, rose, red, crimson or white. Pkt. 15c; $\frac{1}{16}$ oz. 35c; $\frac{1}{8}$ oz. 60c. Plants of Single Mixed, each 40c; 3 for \$1.10. DOUBLE MIXED—Same color range as last, but a high proportion, not all though, will be double with crested "Anemone" centers. Pkt. 20c; $\frac{1}{16}$ oz. 50c. RUBY SINGLES—Mostly brilliant ruby red, but varying to crimson. Large flowers with many long-slender petals. Exceedingly showy. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 45c; 3 for \$1.20.

1 RANUNCULUS ACONITIFOLIUS—mkt(2-3)30. Rather good waterside Buttercup with showers of starry white blossoms above masses of attractive foliage. Pkt. 15c.

4 RANUNCULUS IMPERIAL—rbkt(w)20. (Ranunculus asiaticus.) The semi-double to intensely double flowers can make a magnificent showing; straw to gold, orange, scarlet, crimson, with pink tones, and others ringed or petal-tipped contrastingly. Recommended for pot culture but can also be planted in garden in earliest spring, the tubers to be dug in late fall and wintered-stored. Pkt. 20c; 1/16 oz. 60c. Tubers, spring or fall, 10 for 65c; 25 for \$1.40; 100 for \$5.00.

1 RANUNCULUS DOUBLE YELLOW—(R. acris fl. pl.) Golden Bachelor Button. Intensely double, deep yellow flowers for months. 20 inches. Plants, each 45c; 3 for \$1.20.

2 REHMANNIA ANGULATA—w. Unusual pot plants, grown under glass for the showy bloom. Rather large flowers of bright scarlet with orange dots on lip. Blossoms remind of Incarvillea. Pkt. 25c.

2 REINWARDTIA INDICA—w. Tender plant, usually grown in pots under glass. Gives a profuse showing of rather Linum-like golden flowers. Valued for winter bloom. Pkt. 25c.

3 RHEXIA VIRGINICA—rbmkt(8)16. Blossoms of a glorious purple-carmine, with swinging golden anthers. Long-blooming. Winter-hardy, but will force nicely as a pot plant. *Illustrated opposite.* Pkt. 20c.

2 ROSCOEA—erstk(w) (1-2). Charming semi-bulbs, used in the rock garden in mild climates, but elsewhere handled as pot plants under glass. **HUMANA**—10 inches. Flower purple, with touch of yellow. Pkt. 25c. **CAUTULOIDES**—12 inches. Blossoms of luminous, satiny, citron yellow. Pkt. 25c. **ALPINA**—6 inches. Flowers bicolor, purple and white. Pkt. 25c. **OFFER 150A**—One pkt. each of the 3 for 60c.



2 RHOEO DISCOLOR—Moses-in-a-Boat. Decorative pot plant in reminder of a broad-leaved Pandanus, the leaves dark green above, but rich, glowing purple below. Little white flowers in boatlike bracts. Will do well in full sun, or in an east or north window. Plants, each 60c.

5 RICINUS MIXED—ebtx(9)100. Castor Bean, or Palma Christi. Enormous leaves in varied, rich, deep tones. Tall annual for exotic decorative effects. Pkt. 10c; 1 oz. 30c.

2 RIVINIA HUMILIS—w. Rouge Plant. Grown in pots, it makes a gay and graceful specimen, bearing its sprays of brilliant red berries pretty much the year around. Pkt. 20c. Plants, each 40c; 3 for \$1.10.

2 RODGERIA TABULARIS—mkt(3)36. Handsome peltate foliage with high sprays of pretty little white flowers above. For pool or stream side. Pkt. 20c.

1 THE PULMONARIAS

Early-blooming low perennials of much beauty, tolerant of both shade and sun. **ANGUSTIFOLIA AZUREA**—April Opals. 7 inches. Blossoms of purest Gentian-blue open in opaline color sequence from rosy buds. Plants, each 50c; 3 for \$1.40. **SACCHARATA**—9 inches. Sprays of pretty silvery rose flowers over marbled foliage. Plants, each 50c; 3 for \$1.40.

4 RHODODENDRON

Rhododendron, the Rose Tree of Greece, needs no praising beyond sight of the beauty of it when in full glorious bloom. We would though, emphasize the need of this family for acid soil, for by a large majority the members vote against lime. Sour where they grow by adding decaying oak leaves, rotten wood, peat, old sawdust, or that low-cost chemical, aluminum sulphate. "kt" culture. We offer here a splendid mixture, seeds of many diverse species, including several that are quite rare. Pkt. 25c; 1/2 oz. 50c; 1/16 oz. 90c. Order as **RHODODENDRON SPECIES BLEND**.

RHODODENDRON SPECIES—For seeds of separate species, see the **TREASURE CHEST OFFER**, sent on request.

RHODODENDRON HYBRID BLEND—Seeds saved from finest named hybrids. Seedlings should show a wide range of colorings, and plants should be winter-hardy anywhere that Hybrid Rhododendrons are grown. An unusually fine blend. Pkt. 35c; 3 pkts. for \$1.00; 10 pkts. for \$2.90.

4 ROSE ACACIA

The winter-hardy Rose Acacia is **ROBINIA FERTILIS**, an easy and handsome low shrub with great pendulous racemes of showy, rose-colored blossoms. "kt" culture. Pkt. 15c; 3 pkts. for 40c. Plants, each 65c; 3 for \$1.75.

2 ROCHEA COCCINEA—w. Showy pot plant with imbricated, succulent foliage and clusters of fragrant flowers that may be white or bright scarlet. Mixed colors. Pkt. 25c.

2 ROCHEA FALCATA—Attractive little plant with oddly compact, thick gray leaves and flat sprays of rosy flowers. *Crassula falcata*. Pkt. 20c. Plants, each 45c.

2 ROELLA CILIATA—w10. Upfacing bells, the bottom of each bell cream-white, then a circlet of blue-black, next a white ring, with last of all a lavender edge. North, handle as a pot plant. Pkt. 20c.

1 ROMNEYA COULTERI—bdk(4)60. Matilja Poppy. It can be spectacular. Blue-silvered foliage, big blossoms of silky white above, each centered with a golden tassel. Give well-drained position in full sun. Winter-mulch. Pkt. 20c.

2 ROHDEA JAPONICA—Ornamental foliage plants showing wide differences in color, decorative marking, and form. The collecting of the variations has become an horticultural cult in oriental lands. A good pot plant if given ample moisture, and kept on the cool side. Garden-hardy to Washington or above. Carries clusters of showy red berries. 3 seeds for 25c; 10 seeds for \$1.00; 25 seeds for \$2.25. Plants, each 50c.

4 THE ROSES (Rosa)

SHRUB-ROSE BLEND—kt. They make charming flowering shrubs for foundation plantings, landscape backgrounds, and hedges. The flowers are single, but produced in immense numbers, and after the flowers come long-hanging decorative fruits, usually shining red, but in some plants glossy black. The blossoms may be snowy white, pale blush, creamy, bright yellow, varied shades of pink and rose, or red. Foliage form and plant habit varies considerably, too, for some will be dwarf and compact, others of taller, arching growth, still others, a few, may be climbers. See **TREASURE CHEST OFFER**, sent on request, for separate listings of the species that go into this blend. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c; 1 oz. \$1.25.

ROSES FOR HEDGES. These make permanent, dense hedges, attractive in foliage, beautiful in flower. "kt" culture. **MULTIFLORA**—Fragrant, single flowers, white or pink. **SETIGERA**—Rose pink. Hard to penetrate. **RUGOSA**—Thick, upright grower. White, pink and red. **SPINOSISSIMA**—Burnet Rose. Mostly creamy primrose. **UNIFORM PRICE**, the above four, 1/8 oz. 20c; 1/4 oz. 35c; 1 oz. \$1.00; 1/4 lb. \$3.00.

GARDEN-ROSE BLEND—Seeds saved from fine garden sorts of Hybrid Tea and Hybrid Perpetual. Full color range. Forms worth naming may appear. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.

BABY ROSE—Multitudes of tiny blossoms, dominantly in white and blush, but ranging into pink and rose, too. Rather quick from seeds sown outside in late autumn or early spring, often giving some bloom first year. Edgings, rock garden, or pot plant. Pkt. 25c.

ROSA ROULETTI—Delightful miniature to grow as a house plant or in the rock garden. Close to everblooming. Double, rose pink flowers about an inch in diameter. *Rosa chinensis minima*. Plants, each 60c; 3 for \$1.60.

SPECIAL BOOK OFFER—It is a folder describing and offering the better books on gardening, farming, natural history, botany, crafts, wild flowers and the like. The **SPECIAL BOOK OFFER** is sent gladly on request.



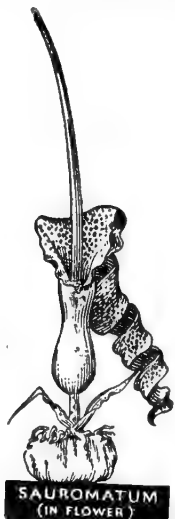
1 RUELLIA CILIOSA—*erkt(2-4)15. Though it belongs to the Acanthus family, the blossoms remind of Petunias in silvered sky blue. Each day there is a new flower display. Long in bloom. *Illustrated opposite.* Pkt. 15c; 1/16 oz. 35c. Plants, each 45c.

1 RUELLIA STREPENS—Flowers of rich, deep purple, still in the Petunia form. Pkt. 15c. Plants, each 45c.

2 RUELLIA TUBEROSA—w. Tender species for pot culture. It carries panicles of handsome, blue flowers. Pkt. 20c.

1 RUBUS XANTHOCARPUS—gstkt(2)10. Gold-berry. Makes a dense, green ground cover for full sun or for light, partial shade. Dies to ground in winter, but comes up quickly from the roots in spring, large, white blossoms appearing. These are followed by gold-orange berries that are sweet and edible. Quite worth growing for the fruits alone. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50. Plants, not less than 3 sold, 3 for \$1.00; 18 for \$5.00; 40 for \$10.00.

3 SAUROMATUM GUTTATUM—Monarch of the East. Spectacular summer garden effects, enormous, digitate leaf-umbrellas held high on marbled stems. Dig and store tubers in late fall. In February or March place dry tubers in an east window, and soon great flower-spathes will unfold, these of rose-tinted, purple-streaked ivory. *Illustrated opposite.* Tubers, each \$1.00.



5 SALVIA ANNUAL

THE BABY SALVIA—ex(8)16. A rare Mexican species, *SALVIA MICROPHYLLA*, the dwarfiest and most compact of our Salvias. The plants are like reversed cones, the many slowly flaring stems so tightly thatched with imbrications of dark olive green foliage that they seem all of one massiveness until the airy flower-racemes begin. White-bracted buds open to flowers of carmine loveliness. Delightful summer garden plant, or it may be grown in pots for winter bloom. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. Pot-grown plants, each 45c; 3 for \$1.20. Called Cherry Sage.

OTHER FINE SALVIAS—These may all be grown as Annuals. **ARGENTEA**—rdk(9)6. Grown as an Annual for the decorative, silvery first-year rosettes, lovely beyond compare. Pkt. 20c. **CARDUACEA**—kt(2)18. Fringed and undulate sky-blue blossoms in cushion prickly-whorls. Pkt. 20c. **COCCINEA**—ecbx(2-4)36. Easiest and quickest of red Salvias. Pkt. 15c; 1/8 oz. 25c. **SPLENDENS AMERICA**—24 inches. In this true Scarlet Sage the plant habit is globe-like, the vivid flower plumes rising at varied angles so that the whole plant is like a ball of fire. Pkt. 20c; 1/8 oz. 50c; 1/2 oz. 90c. **SPLENDENS BONFIRE**—32 inches. A somewhat more erect grower, carrying scarlet flowers in dense, heavy plumes, so closely placed that the plants seem a flare of leaping flame. Pkt. 20c; 1/8 oz. 50c; 1/2 oz. 90c; 1/4 oz. \$1.50. **FARINACEA BLUE BEDDER**—ek(3-4)28. Flowers of wedgewood blue for months. Foliage white-powdery. Pkt. 20c; 1/8 oz. 40c; 1/2 oz. 70c. **FARINACEA ALBA**—Like last, but with white flowers. Pkt. 20c. **PATENS**—(3-5)25. Particularly large and beautiful flowers of bright blue. Start early. Pkt. 25c. We can also supply the thick, tuberous roots, stored over winter. Using these will give longer flowering season. Each 45c; 3 for \$1.20. **HORMINIUM**—(8)18. Grown for the effect of the brilliantly blue-violet floral leaves. Pretty, rose-tinted flowers. Pkt. 20c. **SALVIA ROSE FLAME**—A new selection with multitudes of heavy flower-plumes in a rich coral rose, a pink-toned rose, yet with enough coral in it, so that it makes a really effective showing. Pkt. 35c; 3 pkts. for \$1.00. **OFFER 183A**—One pkt. each of the above (including Baby Salvia) for \$2.00.

1 SALVIA PERENNIAL

Decorative hardy plants for border or rock garden. **VIRGATA**—(3)40. Near to everblooming, gay tangles of blossoms for months. Big, blue-violet flowers. Pkt. 20c. Plants, each 50c; 3 for \$1.40. **PRATENSIS ROSEA**—(3)25. Richest rosy pink are the wide, heavy flower plumes. Pkt. 15c; 1/8 oz. 35c; 1/2 oz. 60c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75. **PRATENSIS BLUE**—Like last in every way except for the rich, and deep, blue coloring of the showy, packed flower plumes. Pkt. 15c; 1/8 oz. 35c; 1/2 oz. 60c. Plants, each 45c; 3 for \$1.20; 10 for \$3.75. **HAEMOTODES**—(3)27. Grecian species with profuse, blue-lilac blossoms. Pkt. 20c. **JURISICI**—(2)9. Free-blooming, long-lived rock garden species with graceful spikes of violet flowers. Pkt. 20c. **GLUTINOSA**—(3)35. Rather large flowers of an unusual, soft, creamy yellow. Pkt. 20c. Plants, each 50c; 3 for \$1.40. **SUPERBA** (Nemerosa)—Showy species with densely packed spikes of dark blue-violet flowers. After the flowers have fallen, the rosy violet sub-tending bracts still fill the spikes. Plants, each 70c. **PITCHERI** (Azorea grandiflora)—*(3-4)60. Handsome flowers in bright sky blue. Pkt. 15c. Plants, each 50c; 3 for \$1.40. **PITCHERI INDIGO VARIETY**—Well-filled flower spikes in the most intense of deep gentian blues. Blooms longer than other Salvias, through late summer and early autumn. Exceedingly showy. Plants, each 55c; 3 for \$1.50. **TURKESTANICA**—(3)35. Grown for the showy, violet-tinted floral leaves. Pkt. 20c. **OFFER 182A**—One pkt. each as offered in seeds, for \$1.25.

CYCLOPEDIA OF HORTICULTURE—Bailey. The most extensive (and desirable) of accurate, interesting horticultural reference works. Three big, well-illustrated volumes, 3637 pages altogether. Per set, \$37.50.

5 RUDBECKIA—ecx(2-3)36. Showy flowers, easily grown as annuals. **HIRTA AVALON**—Big, single blossoms that vary from palest primrose, to golden orange, each flower zoned or suffused throughout with mahogany. Pkt. 15c; 3 pkts. for 40c. **KELVEDON STAR**—Big flowers of shining yellow, star-blotched red maroon. Pkt. 20c.

1 RUDBECKIA GOLDEN GLOW—60 inches. Big, fully double, golden yellow blossoms. Desirable in the mixed hardy border or for backgrounds. Plants, each 40c; 3 for \$1.10.

1 RUMEX VENOSUS—ecrkt(2)15. The Silver Rumex is grown for the decorative seed-plumes, great, wide, loose spikes, filled with flakes of rose-flushed silver. Often cut and dried for winter bouquets. Plants, root fragments (all that is needed), each 35c; 3 for \$1.00.

SALIX PURPUREA NANA—Dwarf Blue Arctic Willow. Dwarf species of dense, rounded habit, foliage blue-gray. Can be clipped for foot-high edgings, or grown singly as specimens. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.

5 SALPIGLOSSIS BLEND—eck(3-4)30. Velvet Flower. Wide, velvety trumpets in colorings of rich brocade. Gold veinings over blue, over cream, over violet, over scarlet or brown. Along with crimsons, yellows, purples, maroons. Easy, showy Annuals. Pkt. 15c; 1/2 oz. 35c.

2 SANSEVIERIA LAURENTI—A house plant that will thrive in a dark corner. Thick sword leaves of bright green, but edged yellow and barred white. Plants, each 40c.

1 SANGUINARIA CANADENSIS—rstkt(1)10. Bloodroot. Chalice of spotless white, contrasting with the golden center tassel. Pkt. 15c; 1/8 oz. 25c; 1/2 oz. 40c; 1/4 oz. 75c.

1 SANTOLINA—rbdkt(3)15. Desirable, fully hardy, low ornamentals with decorative foliage. **CHAMAECYPARISSUS**—Dense mounds of silvered featherings. In June, flowers like golden buttons. Pkt. 20c. Plants, each 65c; 3 for \$1.80. **VIRENS**—Mounds of brilliant emerald carry creamy buttons of flowers. We know of no other hardy perennial that has such an attractive richness of deep greenery. Edgings, rock garden, contrast accents, or the front of the hardy border. Pkt. 20c. Plants, each 65c; 3 for \$1.80.

1 SAPONARIA CAESPITOSA—erx(2)6. Large flowers of bright pink unfold from red buds. Pretty rock garden perennial. Pkt. 20c.

1 SAPONARIA OCYMOIDES—erx(3)8. One of the showier and easier rock garden perennials, also used for bedding. Wide, spreading mounds of brightest rosy pink. Pkt. 15c; 1/2 oz. 30c. Plants, each 45c; 3 for \$1.20.

1 SAPONARIA DOUBLE BEAUTY—A fully double-flowered form of *Officinalis*, blossoms pure white or softest blush. Long in bloom, showy in the garden, a wonderful cut flower. Plants, divisions, each 40c; 3 for \$1.10.

1 SARRACENIA or PITCHER PLANT



The Pitcher Plants have leaves like oddly hooded, water-holding pitchers or urns, decidedly, if somewhat bizarrely, decorative. Then there are blossoms, rather large and quite showy ones. The fantastic leaves are actually cunningly devised insect traps, for the Sarracenias are carnivorous plants. All species offered are winter-hardy in the garden. They like a soil containing some peat admixture, with sandy loam, and should be watered in drought. They are quite generally grown also as pot plants, because of their decorative form, highly attractive flowers, and interesting habit. Seeds grow quite surely if planting be kept moist, "kt" culture advised, though success has been reported in seed germination under glass. **RUBRA**—Erect, purple-veined pitchers and sweetly fragrant crimson flowers. Does particularly well in pots. Plants, each 65c. **FLAVA**—Long, handsome, red-veined pitchers. Big and showy lemon yellow flowers. *Illustrated opposite.* Good as pot plant or in garden. Pkt. 25c. Plants, each 65c; 3 for \$1.85. **PURPUREA**—Shorter, wider pitchers, marked and shaded red. Nodding flowers, madder to maroon. Hardy into Canada. Seeds only, pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

1 SAUSSUREA GOSSYPIPHORA—rkt(2)9. Curious Himalayan alpine, the plants pyramids of frosty, wooly fluff from which peer little violet flowers. Pkt. 25c.

2 SCHIZOSTYLIS COCCINEA—w. Kaffir Lily. Blossoms of scarlet-toned crimson in late autumn. North, best grown as a pot plant, kept in a shaded, outdoor position in summer, then brought under glass for blooming. It can give a gorgeous display during October and November. Pkt. 20.

2 SCHIZOSTYLIS MRS. HEGARTY—Like last in every way except the blossoms are clear pink. Pkt. 25c.

3 SCILLA PERUVIANA—k. Cuban Jacinth. One of the most beautiful of all flowering bulbs for pot culture, with its massive clusters of bright blue blossoms, sometimes as many as 100 flowers open in one pyramidal spike at one time. *Illustrated opposite.* Seeds, pkt. 20c; 3 pkts. for 70c.



1 SAXIFRAGA

The name shelters diversities, all delightful. Blossoms in white, cream, rose or crimson, exquisite in form and tinting; emerald moss-mats; crispy, crystal-beaded leaves. **SAXIFRAGA PEERLESS BLEND**, splendid mixture, mossies, silvers, encrustatas, Bergénias, all types. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65. **SAXIFRAGA ENCRUSTATA BLEND**, just beaded and encrusted kinds. Pkt. 25c. **SAXIFRAGA MOSSY BLEND**—Kinds that form flower-studded, mossy cushions. Pkt. 25c.

SAXIFRAGA SPECIES—All here are winter-hardy, suited to rock garden or border. **HOSTI**—Foliage undulate, silver-beaded. Flowers white with purple dots, in profuse panicles. 20 inches. Pkt. 25c; **MUTATA**—12 inches. Thick, odd leaves; golden orange flowers. Pkt. 20c. **AIZOIDES**—Low plants with pretty flowers, usually of orange-dotted yellow. Pkt. 25c. **LIGULATA**—(Bergénia). 12 inches. Big, massed leaves. Pearl-white to pink flowers. Pkt. 25c. **DIVERSIFOLIA**—8 inches. Sprays of golden stars rise from egg-shaped leaves. Pkt. 30c. **PURPURASCENS**—(Bergénia). 15 inches. Handsome foliage, red-tinged, thick, glossy. Flowers of bright rose-purple. Pkt. 25c. **CORDIFOLIA**—(Bergénia). 20 inches. Big, rose-tinted, wavy edged leaves that become crimson in late autumn. Clustered, rosy flowers. Plants, each 55c; 3 for \$1.50. **COTYLEDON**—15 inches. Plume-silver. Plumes of white blossoming, often pink-dotted, above silver-beaded rosettes. Pkt. 25c. Plants, each 55c; 3 for \$1.50.

2 STRAWBERRY GERANIUM—That is an old name for **SAXIFRAGA SARMENTOSA**, a pleasant pot plant for the window garden, hanging basket or porch box. Thick, decorative leaves, white-veined above, red below. Sprays of pretty little white flowers, dotted yellow and scarlet. Trailing, rosette-ending runners. Plants, each 40c; 3 for \$1.10.

5 SCABIOSA ANNUAL

Attractive, easy to grow, garden-decorative, desirable for cutting. "x" culture. **GIANT MIXED**—36 inches. Blossoms of largest size and fullest doubleness; azure blue, sulphur yellow, maroon, coral, salmon, peach blossom pink, scarlet, white. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.

SCABIOSA STELLATA—Grown for the decorative seed-heads rather than for the blue-suffused flowers. The seed-heads are used in winter bouquets. Rather good. Pkt. 15c.

1 SCABIOSA PERENNIAL

The Scabiosas are all good cut flowers. Easy and decorative border perennials. **FISCHERI**—36 inches. Showy species from Mongolia and Manchuria. Big, fluffy flowers in intense blue. Easy to grow, and fine for either cutting or garden decoration. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c. Plants, each 40c; 3 for \$1.10; 10 for \$3.80. **SOSNOWSKYI**—ebx(8)40. Tall, ever-blooming white. Good in the hardy border. Pkt. 15c; 1/8 oz. 30c. **COLUMBARIA**—(3)24. From lilac pink and rose tones, to mauve and blue-lavender. Pkt. 20c. **WEBBIANA**—20 inches. Excellent, low-growing creamy white. Everblooming. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. Plants, each 45c; 3 for \$1.20. **CAUCASICA PEERLESS**—(3-5)28. Flowers of large size, petals usually ruffled, stems long. Colors include indigo, mauve, lavender, white. Pretty much everblooming. Pkt. 20c; 1/8 oz. 40c; 1/4 oz. 75c; 1/2 oz. \$1.25. Plants, each 50c; 3 for \$1.40; 10 for \$4.20. **SPECIOSA**—(3)24. Beauty from Kashmir hills. Flowers in varying blue shades, sometimes approaching red-violet. Pkt. 25c. **OFFER 184A**—One pkt. each of above for 90c.

SCABIOSA PERENNIAL BLEND—Above, with many others. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c; 1/2 oz. 75c.

5 SCHIZANTHUS HYBRIDS—erx(2)18. An amazing profusion of exquisite butter-fly blossoms in white, pink, lavender, often yellow-marked. Beds, borders, or in pots. Pkt. 15c.

5 SCLEROCARPUS MAJOR—ex(8)36. Easy, annual, bright yellow in daisy form, but with a "pincushion" center of brown-red and golden orange that persists and remains attractive after the petals have fallen. Pkt. 20c.

1 SCUTELLARIA—The gay Helmet-flowers "x" culture. **ALPINA**—10 inches. Blossom mounds in blended violet, cream, rosy lavender. Pkt. 20c. **BAICALENSIS COELESTINA**—10 inches. Showy long-bloomer of late summer. Spikes of big helmet-flowers in rich blue. Pkt. 15c. Plants, each 45c; 3 for \$1.25. **CANESCENS**—25 inches. Clustered, silvery blue flowers. A beauty. Pkt. 20c.

1 SHORTIA GALACIFOLIA—rast(1)7. Oconee Bells. Exquisite bells of pure white, or sometimes bluish. Attractive foliage that becomes brilliantly red. One of rarer, lovelier low perennials. Needs soil somewhat acid, see notes on Rhododendron. Plants only, each 65c; 3 for \$1.80.

SENECIO—kt. Desirable diversities. **ARENARIUS**—10 inches Annual Cineraria. Wide clusters, mauve to vivid violet. Pkt. 15c. **CLIVORUM**—50 inches. Hardy perennial. Big, decorative leaves, showy clusters of golden orange above. Pkt. 20c. **GLASTIFOLIUS**—36 inches. Showy South African species with panicles of flowers in rosy violet. May need winter protection in cold areas. Pkt. 20c.

1 SEDUMS SUCCULENT

The brittle foliage may come in softest of apple-greens, in frosty filigreeings, blue with silver dust, rosy tones, maroon shadings. They may be filmy earth clingers, springy cushions, rampant mounds, or taller clumps of fat-leaved stems. And in blossoms they run the scale of white, cream, lemon, orange, pink, rose and crimson.



1 SEDUM SIEBOLDI—Whorls of thick, blue-gray leaves with rose-toned margins. Wide clusters of pretty, pink flowers. Makes a delightful pot plant, but it is winter-hardy, and may likewise be grown in the rock garden. 6 inches. *Illustrated opposite.* Plants, each 45c; 3 for \$1.25.

1 MIXED BORDER SPECIES—kt. Seeds saved from the taller kinds, spectabile, telephium, aizoon and the like. Fine for front of the mixed hardy border. Pkt. 20c; 3 pkts. for 50c.

SEDUMS DWARF MIXED—Seeds of several of the better, low or rock garden species in mixture. Pkt. 25c; 3 pkts. for 70c.

THREE TALLER SEDUMS—For the larger rock garden, or the hardy border. **SPECTABILE**—25 inches. Many stems with thick, blue-glaucous leaves and upfacing clusters of gay flowers, pink to deep rose. Plants, each 45c; 3 for \$1.25. **AIZOON**—25 inches. Bushy, upright, the many stems set with fat green leaves, ending in crown-clusters of golden blossoms. Plants, each 40c. **TELEPHIUM PURPUREUM**—20 inches. Erect clumps of dark, blue-green foliage, topped with purple-shade flower clusters. Plants, each 45c. **MAXIMUM**—25 inches. Violet-toned leaves. Clusters of white flowers with faint lilac suffusion. Plants, each 45c. **OFFER 180AN**—One plant each of the 4 for \$1.50.

DWARF HARDY SEDUMS—Here are 12 fine ones, very different one from another, all of them right for the rock garden for edging bedding and many another garden use. We can supply any of them at **UNIFORM PRICE** of 40c the plant, or we will send six, our choice from this list, with names, for \$2.00. Order as **OFFER 185AN**—Here is the list. **Album murale**; **Anopetalum**; **Ellacombianum**; **Ewersi**; **Floriferum**; **Forrest's Himalayan**; **Hildebrandti**; **Involucratum**; **Pruinaum**; **Rupestris**; **Spurium coccineum**; **Ternatum**. **OFFER 186AN**—One plant each of the 12, with names, for \$3.85.

2 TENDER SEDUM PLANTS—Easy house plants with richly decorative foliage. **PACHYPHYLLUM**—Big, succulent leaves like giant jelly beans glossy soft green with red tones. Yellow flowers. Plants, each 35c; 3 for \$1.00. **ADOLPHI**—Well-shaped, branching plants thick, glossy, waxy leaves. Makes handsome specimens. Plants, each 40c; 3 for \$1.10.

1 THE SEMPERVIVUMS

Piled rosettes, compact, succulent, are built of thick, short leaves that may be silvered, red-suffused, purple painted or entangled in filmy gossamer. Oddly thatched stalks carry decorative, starry flowerings in yellow, buff, or red-tawny. "kt" culture. Range of diversity among seedlings will prove surprising, and interesting. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

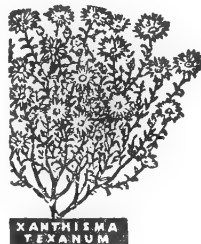
1 SILPHIUM TEREBINTHINACEUM—ebk(5)100. Spectacular plants reaching 8 to 10 feet of height. Many large yellow flowers on slender, leafless stems. Large, decorative basal foliage. Pkt. 15c; $\frac{1}{8}$ oz. 30c. Plants, each 75c.

1 SISYRINCHIUM SPECIAL BLEND—erk(2-3)10. Satin flower. Delightful perennials for the rock garden, or for edging or bedding. Many and varied tones of blue, lavender, lilac and mauve, light to dark, with purple, yellow, and a rare white. Also make good pot plants. Pkt. 15c; 3 pkts. for 40c. Plants, mixed colors, each 40c; 3 for \$1.10; 10 for \$3.20; 25 for \$7.00.

1 SMILACINA RACEMOSA—rbstyt(2)30. Glossy leafed arching stems carry great airy clusters of creamy white blossoms. Then clusters of berries like translucent rubies. Handsome hardy perennial for shade or sun. Pkt. 15c; $\frac{1}{8}$ oz. 30c. Plants, each 50; 3 for \$1.40.

1 SOLDANELLA ALPINA—rkt(1)6. Called "Jewel of the Alps," growing to the snow line, and even thawing its way through snow and ice. Daintily fringed, cupped blossoms of a warm blue-violet. Pkt. 20c; 3 pkts. for 55c.

5 STAR OF TEXAS—eck(8)20. Gay, long-blooming, big-flowered annual daisy in most brilliant, polished golden yellow. No yellow flower can be more showy, longer showy. Resists sun, heat, drought. It is *XANTHISMA TEXANUM*, illustrated opposite. Pkt. 15c; $\frac{1}{8}$ oz. 40c.



1 SOLIDASTER LUTEUS—25 inches. Profuse, airy panicles of little flowers that open yellow and age to creamy white. Good border perennial. A bi-generic hybrid, Aster with Solidago. Plants, each 55c.

3 SPARAXIS BLEND—ek(w)(7-1)12. For easy winter blossoms in sunny window or greenhouse, try Sparaxis, one of the better South African bulb-flowers. The big blossoms come in brilliant colorings, lavender, lilac, cream, yellow, salmon, scarlet, orange, often zoned. Pkt. 20c; $\frac{1}{8}$ oz. 50c.

1 THE BRIGHT SILENES



Brilliant color here. Showy hardy perennials for rock garden or border. **ACAULIS**—rk(2-3)4. Moss-like cushions set with pink flowers. Pkt. 20c. **FORTUNEI**—5erbx(8)20. Hardy Chinese species, an easy everbloomer with deeply slashed rose pink flowers. Pkt. 20c; $\frac{1}{16}$ oz. 30c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **REGIA**—ebx(3-4)30. Vivid long-bloomer with large, starry flowers of brightest red. Pkt. 20c. **MARITIMA**—erx(2-5)5. Sea Campion. Desirable rock garden or edging perennial with pretty white flowers over gray foliage. One of the better Silenes. Pkt. 15c; $\frac{1}{16}$ oz. 25c. Plants, each 45c; 3 for \$1.20. **INGRAMI**—rk(2)5. Big, slashed-petal blossoms of cherry rose. Rock garden treasure. Illustrated opposite. Pkt. 25c. **SHAFTA**—erkt(3-4)6. A riot of silvery rose through late summer and early fall. Pretty in the rock garden. Pkt. 20c; 3 pkts. for 50c. Plants, each 40c. **WHERRYI**—erkt(2)8. Great cushions of lovely clear pink. None better in the rock garden. Massed blossoms. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25. **VIRGINICA**—rkt(2-3)15. Fire Pink. Fulminations of scarlet vividness. Pkt. 20c. **STELLATA**—ecx(3)30. Nodding sheafs of deeply fringed blossoms in pure white. Pkt. 15c. **OFFER 160A**—One pkt. each of above for \$1.50. **SILENE BLEND**—Those here, with others. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

GAY APPLES AND CHERRIES

SOLANUMS ORNAMENTAL—All may be grown as pot plants, the last 3 also in garden. Definitely not edible. **SEAFORTHIANUM**—Lovely light blue star-blossoms. Herbaceous trailer. Pkt. 25c. **CAPSLICSTRUM NANUM**—Jerusalem Cherry. Showers of bright red, cherry-shaped fruits. Pkt. 15c. **INTEGRIFOLIUM**—30 inches. Scarlet Love Apple. Bears profusely handsome fruits of shining red that are cut for decorative sprays. Easy outdoor Annual. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. **ACULEATISSIMUM**—w. Orange Love Apple. Ornamental fruits of glossy, shining orange, used for cutting. They dry well for winter bouquets. Pkt. 15c; $\frac{1}{8}$ oz. 35c. **TORREYI**—k(3)20. Hardy perennial. Bright purple flowers; decorative yellow fruits. Pkt. 15c. **OFFER 187A**—One pkt. each of above for 70c.

1 SPHAERALCEA RIVULARIS—ebkt(8)60. Cup-flowers in pure pink are carried in candle-spikes over mounds of rich "maple" foliage. Long-lived. Showy. Pkt. 15c.



2 STAPELIA HIRSUTA—Many thick, upright, leafless stems of soft green, the edges flanged. Big 5-inch star flowers of brown-striped cream, edged and centered with furry purple. 9 inches. Illustrated opposite. Plants, each 45c.

5 STATICE ANNUAL BLEND—cbkt(2-4). Everlasting or Strawflower. Unexcelled blend, white, yellow and tones of rose, and blue-violet. May be dried for winter bouquets. Sow early. Pkt. 15c; $\frac{1}{8}$ oz. 25c.

1 SPIGELIA MARILANDICA—(3)16. Clustered, narrow trumpets of bright red expand above into buff-amber stars. An established plant in full-bloom is a brilliant beauty. Long-lived, better each year. Plants, each 60c.

1 STACHYS LANATA—efgbk(9)18. Foliage carpets in silky, silvery white. Tiny flowers peer from spikes like slender rolls of white wool. One of the better foliage perennials. Pkt. 15c. Plants, each 40c; 3 for \$1.10. (See also *Betonica*.)

1 STILLINGIA SYLVATICA—ebx(8)35. Queen's Delight. Odd, rather attractive hardy perennial in the Euphorbia relationship. Umbels of lemon yellow flowers more or less continuously from spring until autumn. Prefers sun, and does not like heavy soils. Pkt. 20c.

3 STREPTANTHERA CUPREA—ek(w)(7-1)9. Bulb-flowers in the *Ixia* relationship, and to be given *Ixia* handling. Blossoms coppery, with violet throat. Pkt. 20c.

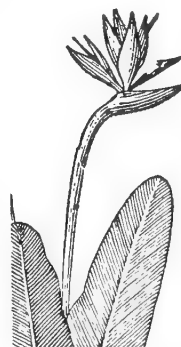
2 STREPTOCARPUS BLEND—w. Cape Primrose. Handsome, long-blooming pot plant. Blossoms of lilac, blue, mauve, violet and near crimson. Illustrated opposite. shows one form contained in the blend. Pkt. 35c; 3 pkts. for \$1.00.



2 SWAINSONIA GALEGIFOLIA—5cw(8)40. Greenhouse plant that gives desirable cut-flower material. Blossoms very like those of Sweet Pea. **RED-FLOWERED**—Large, deep red. Pkt. 15c. **PURE WHITE**—Blossoms snowy. Pkt. 20c.

5 SUNFLOWER ANNUAL—Showy in the garden, and of easy growing. Good, too, for cutting. **ITALIAN WHITE**—50 inches. Long-petaled, small-centered blossoms to 3-inch diameters, in pure white to pale cream. Long, slender stems. Desirable for cutting, long-lasting and wonderful in arrangements. Pkt. 15c; 3 pkts. for 40c. **SUNGOLD**—55 inches. Flowers of complete chrysanthemum doubleness, golden yellow. Pkt. 10c; $\frac{1}{4}$ oz. 20c. **RED SUNFLOWER**—65 inches. Single flowers in shades of chestnut, bronzy red and maroon. Pkt. 10c; $\frac{1}{4}$ oz. 20c.

2 SUTHERLANDIA FRUTESCENS—w. Racemes of brilliant scarlet flowers over pinnate foliage. Large pot or tub plant, or outside in South. Showy. Pkt. 15c.



2 STRELITZIA REGINAE—w. The lovely and colorful Bird of Paradise. Great, oddly poised blue-and-gold flowers, illustrated opposite. Not hard from seed, with patience. Give heat from below. The plants are of rather easy culture, once they get a start. Large seeds, 3 for 50c; 7 for \$1.00; 25 for \$3.00. Plants for growing on, not large enough to bloom, 3 inches up of height, each \$1.25.

2 STRELITZIA NICOLAI—w. Here the flowers are larger than with *Reginae*, bright blue and white, the whole plant bigger and more vigorous. A superb beauty. Seeds, each 35c; 3 for \$1.00.

1 SWEET WILLIAM—ebx(2)20. Dianthus barbatus. Amazing bright coloring and marking variation. **NEWPORT PINK**—Clear salmon pink. Pkt. 15c. **PURE WHITE**—Needed for contrast. Pkt. 15c. **CRIMSON BEAUTY**—A rich crimson. Pkt. 15c. **FINE DOUBLE MIXED**—Wide color range. Pkt. 15c; $\frac{1}{8}$ oz. 25c. **DWARF MIXED**—6 inches. Compact heads of single flowers, all colors. Edgings, beds, rock garden. Pkt. 15c; $\frac{1}{16}$ oz. 25c. **OFFER 188A**—One pkt. each of above for 65c.

1 STYLLOPHORUM DIPHYLLUM—(2)25. Showy, shade-tolerant, hardy perennial with golden poppy-flowers. Plants, each 45c.

2 TIBOUCHINA LEPIDOTA—w. It makes a handsome large pot plant, with big flowers of rich blue-violet coloring; with contrasting golden anthers. Showy long-bloomer. Pkt. 25c.

1 TEUCRIUM CHAMAEDRYIS—erix(3)10. Desirable rock garden or edging perennial with attractive, glossy, dark green foliage with evergreen tendencies. Many spikes of pretty little rose-colored flowers. Pkt. 20c. Plants, each 45c.

1 TEUCRIUM HIRCANICUM—erx(3)15. Persian species with tapered bloom-spikes, packed densely with pretty, rose-violet flowers. Pkt. 20c. Plants, each 50c.

1 TEUCRIUM ORIENTALE—(8)12. Grown for the luminous, purple flowers. Pretty much ever-blooming. Plants, each 50c.



5 TAHOKA DAISY

It is the best of the Blue Daisies for all-summer bloom, mid-June until November. Big blossoms of pure blue-lavender with little golden centers, flower stems of good length, cutting and lasting qualities excellent. The foliage is fine, fern-like. *Illustrated opposite.* Our introduction. *Machaeranthera tanacetifolia* (2-4)20. Pkt. 15c; $\frac{1}{16}$ oz. 25c; $\frac{1}{8}$ oz. 40c.

PLANT SHIPMENTS—Live plants and bulbs go normally by railway express. If desired by mail, add 10% to remittance for points east of the Mississippi, and 15% for destinations west of that river.

1 THALICTRUM—kt. Decorative hardy perennials. **DIPTEROCARPUM**—50 inches. Airy, showy, purple tassels. Pkt. 15c; $\frac{1}{8}$ oz. 35c. Plants, each 45c. **GLAUCUM**—50 inches. Fluffy dense yellow flower clusters. Silvery foliage. Fine accent plant. Pkt. 20c. Plants, each 50c. **AQUILEGIFOLIUM ROSEUM**—36 inches. Airy, diffuse, rose-colored tassels above Aquilegia foliage. Pkt. 15c. Plants, each 45c. **ROCHEBRUNIANUM**—50 inches. Lavender Mist. Lavender tassels with golden stamens. Airy and free-blooming. Pkt. 20c. Plants, each 45c; 3 for \$1.20.

1 THERMOPSIS CAROLINIANA—ecbkt(2-3)60. Flowers of golden yellow in massive spikes; reminder of Lupine. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c. Plants, each 50c.

5 THE FRAGRANT STOCKS

Massive spikes of flowers in white, coppery tones, varied blues, canary, soft pink, lavender, golden, rose, blood red, mostly double, always perfumed. They cut. Sow early. Usually grown in garden, but can be handled as pot plants. **DWARF TEN-WEEK MIXED**—15 inches. Earliest. Good. Pkt. 10c; 3 for 25c. **GIANT IMPERIAL MIXED**—28 inches. Largest, most massive. Pkt. 15c; 3 for 40c.

1 STOKESIA FOR CUTTING

For cutting **STOKESIA LAEVIS** is perhaps the best of the blue-flowered, summer perennials. Immense, beautiful blossoms like Cornflowers many times magnified. Thrives in either full sun or light shade. Seeds sowed in mixture from lavender, bright blue, blue-purple, white and suffused forms. ercbx(3)24. Pkt. 15c; $\frac{1}{8}$ oz. 40c. Plants, blues only, each 45c; 3 for \$1.25; 10 for \$3.65.

5 SWEET PEA FRAGRANCE

Nothing else will quite replace the Sweet Peas. They are the most delightful of annual flowers. A garden without them is a garden without savor. And they are really not hard to grow. All there is to it is to get the seed in the ground early, first possible spring moment. In drought, give them a hose-soaking now and then. If you can, mulch about them with leaves or straw to give the cool root-run that delights them. **FRILLED GIANT BLEND**—The Orchid-flowered or Giant Spencer Sweet Peas in about every possible hue or tone, but with careful balance. Pkt. 15c; $\frac{1}{2}$ oz. 35c; 1 oz. 65c; $\frac{1}{4}$ lb. \$2.00. **EARLY SPENCER BLEND**—Early blooming, for first garden show, or for forcing. Big, waved flowers in excellent color range. Pkt. 15c; $\frac{1}{2}$ oz. 40c; 1 oz. 70c; $\frac{1}{4}$ lb. \$2.25. **CUTHBERTSON STRAIN**—A strain developed for climatic areas where Sweet Peas are difficult. It shows remarkable resistance to heat. Season is between the Early Spencer and the Frilled Giants. Flowers are large, long-stemmed, waved but not as undulate as in the other types. Full color range. Pkt. 15c; $\frac{1}{2}$ oz. 40c; 1 oz. 70c.

3 TALINUM CALYGINUM—Vivid flowers of luminous cherry rose, carried in summer-long profusion on wiry stems over attractive, succulent foliage. Called **CHERRY SUN-BRIGHT**. Use prodigally in sunny rock garden or like position. Winter-hardy. Pkt. 20c. Tubers, 3 for 35c; 10 for \$1.00.

5 TORENIA FOURNIERI—erk(4)12. Velvet blossoms blue to purple with gold markings, or very rarely white with touch of rose. Pot plant, beds, edgings. Pkt. 15c; 3 for 40c.

1 TRAILING ARBUTUS—rstatkt(1)4. Perfumed pink-and-white blossoms over evergreen foliage. Prettiest flower of its season. Not easy, but with patience, quite possible. Pkt. 25c.

TRILLIUM BLEND—ryst(1). The Trinity Lilies are the delight of shady places. Three-petal blossoms in white, blush, rose, plum, red. Mixed species. Pkt. 20c; 3 pkts. for 40c.

3 TRITELEIA UNIFLORA COERULEA—rkt(2)7. The Blue Star-flower makes a wonderful rock garden plant. Long in bloom. Multitudes of upfacing blossoms, pale blue to near indigo. Pkt. 20c; $\frac{1}{16}$ oz. 35c. Plants, growing clumps, spring delivery, each 50c.

1 TRITOMA PEERLESS HYBRIDS—kt(2)40. Kniphofia. A perennial that will accent the border in vivid color. Varied blendings of scarlet, coral, buff, gold, orange. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75.

1 TRITOMA NAMED SORTS—Red-hot Poker Flower. **DAWN TONE**—Soft yellow blending into rose-toned red. Each 50c; 3 for \$1.40. **VANILLA**—Pointed spikes in lovely pale yellow. Long in bloom. Each 50c; 3 for \$1.40. **ROYAL STANDARD**—Massive spikes that contrast golden yellow with pure red. Each 60c. **ELF**—Palest yellow with hint of elfin green, blending into coral. Each 50c. **WHITE FAIRY**—Spikes of pure white that become creamy. Each 60c. **FLAME**—Many slender spires that are like flaming rockets. Each 50c; 3 for \$1.40; 10 for \$4.20. **OFFER 192AN**—One plant each of the six for \$2.75.

1 TROLLIUS—bkt(2-4)30. Globe-buttercup. Big, showy flowers, golden yellow to burnished orange. **LEDEBOURI**—Everblooming brilliant yellow with spread petals. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **EUROPAEUS**—25 inches. Large blossoms with incurved petals, soft to deep lemon. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. Plants, each 50c; 3 for \$1.40. **FINE HYBRIDS**—Always beautiful. Soundly hardy. Variations in both form and shade. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

2 TULBAGHIA VIOLACEA—k(w)(8)25. Clusters of starry flowers like miniature Agapanthus blossoms in melting pink-lilac. Called "Pink" Agapanthus. A splendid house plant, near to everblooming. Like Geranium, may also be used outside in summer. Pkt. 20c. Plants, each 50c.

4 VACCINIUM CORYMBOSUM—may(2)72. Giant Cultivated Blueberry. Delicious fruit, also good ornamental shrub. Seeds from named sorts in mixture. Pkt. 20c; 3 pkts. for 50c.

3 TIGRIDIA or SHELL-FLOWER

Bright color-lighted blossoms in white, blush, pink, rose, canary, orange, lilac, rich red, with splashing, blendings, suffusions. Tigridias are bulbs for the summer garden, blooming continually, early and late. They are easy from seed sowings made in early spring, sometimes giving a few blossoms first year. In autumn, dig the bulbs and winter-store in a dry, frost-proof place. *Illustrated opposite.* Fine mixture. Pkt. 25c; $\frac{1}{8}$ oz. 70c. **BULBS**, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50.

TIGRIDIAS BY COLOR—Seeds are available of four color strains at 35c the pkt. or one pkt. each of the 4 for \$1.25. Pure white; Giant Rose; Lilacina; Lutea immaculata. Order as **OFFER 190A**.



PERFUMED TUBEROSE

Easy summer-blooming bulbs with richly fragrant blossoms that might have been carved from white wax. Splendid cut flower of simple garden culture. Store the bulbs in dry, frost-proof place in winter. **EARLY MEXICAN**—35 inches. The earliest. Lovely snow-white, single flowers with perfume of orange blossoms. *Illustrated page 4.* 3 for 30c; 10 for 85c. **SPECIOSA**—50 inches. High spikes of sweetly scented, white, single blossoms rise from decorative rosettes of white-edged foliage. 3 for 30c; 10 for 85c; 25 for \$1.90. **DOUBLE PEARL**—30 inches. Flowers fully double, pure white, or rarely with faint blush suffusion. 3 for 35c; 10 for \$1.00; 25 for \$2.25. **TUBEROSE BLEND**—The three kinds in mixture. Splendid source of long-lasting cut flower material. 10 for 80c; 25 for \$1.85; 50 for \$3.50.

4 **TRITONIA BLEND**—ew(7)12. Showy, easy, winter-flowering bulbs, to be grown Freesia fashion. Sprays of salmon, rose, orange, scarlet. Mixed. Pkt. 15c; $\frac{1}{16}$ oz. 35c.

1 **TUNICA SAXIFRAGA**—*erx(8)10. A summer-long profusion of little pink flowers. Easy and charming. Pkt. 15c; $\frac{1}{16}$ oz. 35c. Plants, each 40c. **ROSE DOUBLE**—In this rarer Tunica, the exquisite pink flowers are fully double. Plants, each 55c; 3 for \$1.50.

1 **ULEX EUROPAEUS**—bkt(2)35. Gorse or Fürze. Handsome border perennial with decorative, dark green "needle" foliage and showy golden flowers. Often re-blooms in autumn. Pkt. 15c; $\frac{1}{8}$ oz. 35c.

5 **VENIDIUM FASTUOSUM**—k(8)20. Monarch Daisy. Double-rowed daisies 4 inches across, melting pastels in cream, primrose, buff, lemon, orange, usually with irregular zoning of brown, blue or black. Everblooming. Foliage sparkling, decorative. Sow early. Pkt. 20c; 3 pkts. for 50c.

1 **VERBASCUM PHOENICEUM HYBRIDS**—*ebcx(8)25. Hyacinth Mullein. Charming blossoms in slender spikes, cream, appleblossom pink, rose, lavender, violet. Blooms both spring and summer. *Illustrated page 27*. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

1 **VERBASCUM WEIDEMANNIANUM**—ex(3)60. Showy perennial with tall spires of blue-purple. Pkt. 20c.

WACHENDORFFIA THYRSIFLORA—x(w)(3)25. Desirable, South African with panicles of showy russet flowers above bronzed, pleated leaves. An unusual pot plant. Pkt. 20c.



TITHONIA

5 TITHONIA AVALON EARLIEST

The big long-stemmed blossoms range from orange topaz to those with burnished over-sheen of scarlet flame. Sowings of it will give green walls set with living fire. Earliest strain, direct open ground sowings usually giving some blossoms by late June, and from then until after autumn freezes. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.

1 THE PLEASANT THYMES

Low, fine-leaved perennials with a delightful aromatic fragrance. Rock garden, edging, carpeting. **CITRIODOROUS**—Lemon Thyme. Fine, semi-evergreen foliage, with hint of lemon fragrance. Little rosy flowers. Plants, each 40c; 3 for \$1.10. **CHAMAEDRYS**—Tufted mats, flowers purple. Particularly hardy. Plants, each 40c; 3 for \$1.10. **SERPILLUM**—Close mats set with midjet leaves. In summer come little flowers, pink to carmine. Pkt. 20c; 3 pkts. for 50c. **SERPILLUM WHITE**—Like last, but flowers white. Plants, each 45c. **LANUGINOSUS**—Attractive mats of silvery foliage. Pink flowers. Particularly good. Plants, each 45c; 3 for \$1.25; 10 for \$3.65. **NITIDUS**—9 inches. Charming and distinctive species, an erect, close, upright grower, never spreading or mat-forming. Fine, gray-silvery foliage and highly attractive flowers of silvery rose. One of the prettier rock garden perennials. Plants, each 50c; 3 for \$1.40. **OFFER 189AN**—One plant each of the 5 for \$1.90.

1 TRADESCANTIA BEAUTY

Spendthrifts of bloom are these colorful hardy perennials, in flower for weeks, some of the kinds for months. *Illustrated opposite*. "kt" culture. Fine mixture. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

TRADESCANTIA VARIETIES—The better sorts. **KOBOLD**—6 inches. Tight clumps of pretty rose pink. Each 40c; 3 for \$1.10. **SUMMER SNOW**—22 inches. Everblooming pure white. Each 40c; 3 for \$1.10. **PAULINE**—22 inches. Delightful rosy mauve. Each 45c; 3 for \$1.25. **APPLEBLOSSOM**—10 inches. Soft pink. Each 55c. **BLUE STONE**—20 inches. Bright blue; near navy blue. Each 45c. **IRIS PRITCHARD**—20 inches. White with azure suffusion. Each 45c; 3 for \$1.20. **J. C. WEGUELIN**—18 inches. Desirable everbloomer in soft sky blue. Each 45c; 3 for \$1.20. **AVALON DAWN**—22 inches. Exquisite suffusions of bluish pink into white. Each 55c. **PURPLE DOME**—20 inches. Rich and dark blue-purple. Each 45c. **OCCIDENTALIS RUBRA**—18 inches. Deep rose, near red. Each 50c. **OSPREY**—22 inches. Giant-flowered white with blue anthers, and faint hint of azure suffusion. Each 55c. **OFFER 191AN**—One plant each of the 11 for \$4.50.



TRADESCANTIA

4 **VIBURNUM CARLESI**—yt. 70 inches. The Fragrant Pink Viburnum. Handsome hardy shrub. Orange pink buds open to perfumed pink flowers that gradually fade white. Slow germinating, but quite sure if you have enough patience to leave seeds undisturbed. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.

1 **VINCA MINOR**—Hardy evergreen trailer that roots at each joint. Excellent ground cover plant for either sun or shade. Good, too, in the rock garden. Supplied as small divisions, all that is required. **BOWLE'S BLUE**—Rather large flowers of deep blue. Plants, each 35c; 3 for 85c; 10 for \$2.35; 25 for \$5.00. **WHITE**—Pretty, snow white flowers. Plants, each 40c; 3 for \$1.10; 10 for \$3.10. **RUBRA**—Flowers semi-double to double in red-violet. Plants, each 40c; 3 for \$1.10; 10 for \$3.10.

3 **VELTHEIMIA VIRIDIFOLIA**—w. Handsome winter bulb-flower with decorative undulate foliage from which rises, in March, a massive truss of coral-pink, buff-tinged flowers. *Illustrated on back cover*. Pkt. 20c; $\frac{1}{16}$ oz. 40c.

5 GIANT FLOWERED VERBENA

Continuous color for many months, great trusses of brilliant blossoms. Edging, bedding, ground cover, porch box, pot plant. It cuts. Splendid mixture, salmon pink, rose, vivid red, scarlet, cardinal, white, lavender, varied bright blues. Giant-flowered mixed. Pkt. 15c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c.

VERBENA COLORS—Nothing brighter for all-summer show. **SALMON PINK**—Large trusses of salmon pink. Pkt. 15c. **PURE WHITE**—For contrast and foil. Pkt. 15c. **ROYAL BLUE**—Intense blue. Pkt. 15c. **VIVID RED**—A brilliant tone. Pkt. 15c. **OFFER 193A**—One pkt. each of the 4 for 50c.

SPECIES VERBENAS—All will bloom first year. **TOBATY**—Everblooming. Flat cluster of soft blue top yard-high stems. *Illustrated page 4*. Pkt. 45c. **BIPINNATIFIDA**—15 inches. Clustered blossoms of blue-lavender, June to November. Ferny, feathery foliage. Good, no matter what the weather. A reasonably hardy perennial, but so quick that it is usually grown as an Annual. *Illustrated opposite*. Pkt. 20c; $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c. **TENERA ALBA**—Fern-like foliage in spreading mats to 6 inches of height. Pure white flowers in many little spikes. Everblooming. Pkt. 20c. **VENOSA TYPICA**—10 inches. Compact, purple clusters. Pkt. 15c. **VENOSA LILACINA**—Pretty lilac-lavender. Pkt. 15c. **CANADENSIS**—12 inches. Flower clusters of pretty red-violet. Pkt. 20c. **OFFER 194A**—One pkt. each of the 6 for 90c.



**VERBENA
BIPINNATIFIDA**

1 BLUE OF VERONICA

Desirable rock garden and border perennials. "x" culture. **AUSTRIACA**—8 inches. Sprays of bright blue flowers. Graceful fern-foliage. Plants, each 40c. **ARMENA**—5 inches. Big individual flowers of bright ultra-marine. Neat habit. No better rock garden perennial. Plants, each 50c; 3 for \$1.40. **LATIFOLIA**—25 inches. Good border species, long in bloom, with indigo flower spires. Pkt. 15c. Plants, each 40c. **PEDUNCULARIS**—10 inches. Airy mounds. White flowers, veined lilac. Plants, each 45c. **BLUE SPIRE**—20 inches. Dense, heavy spires of rich, dark blue. Plants, each 55c. **INCANA**—15 inches. Silvery mats, blue spikes above. Rock garden or edging. Pkt. 20c. Plants, each 45c; 3 for \$1.25. **INCANA ROSEA**—Like last, but with rosy flower spikes. Plants, each 50c; 3 for \$1.40. **MARITIMA**—20 inches. Showy border plants with fluffy spires, lilac to purple. Pkt. 15c. **SPICATA CORYMBOSA**—9 inches. Dense foliage pancakes, set with many slender spikes in mid-blue. Good. Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.60. **SPICATA ALBA**—15 inches. Branching spikes of pretty white flowers. Plants, each 45c; 3 for \$1.25. **SPICATA ROSEA**—Diffuse, rose-colored flowers. Plants, each 45c. **SPICATA BLUE**—16 inches. Branching in bright blue. Pkt. 20c. **REPENS**—2 inches. Creeping, almost moss-like species with pale blue flowers. Rock garden; stepping stones. Pkt. 20c; $\frac{1}{32}$ oz. 30c. Plants, each 45c; 3 for \$1.25. **PANICULATA**—24 inches. Flowers of amethyst blue in panicked racemes. Pkt. 20c. **SPECIOSISSIMA**—14 inches. Beautiful and free-blooming. Masses of deep blue in rich effect. Name is horticultural. Pkt. 25c. Plants, each 50c; 3 for \$1.40. **RUPESTRIS BLUE**—5 inches. Dense, rug-lets, of brilliant blue in spring. Plants, each 45c. **RUPESTRIS ROSEA**—5 inches. Thick mats that become, in spring, solid plaques of mauve rose flowering. Plants, each 50c. **HOLOPHYLLA LITTORALIS**—12 inches. Splendid garden species with shining foliage and fat, upright spikes of rather large flowers in deep, vivid indigo. Rare Japanese species. Pkt. 20c; $\frac{1}{16}$ oz. 40c. Plants, each 55c; 3 for \$1.50. **OFFER 179A**—One pkt. each of those in seed form for \$1.35. **OFFER 149AN**—One plant each of those so offered, for \$5.75.

5 VINCA ROSEA MIXED—ex(8)18. Periwinkle. Lovely waxen flowers in white, pink, rose. For garden growing, or makes a good pot plant. Pkt. 10c; $\frac{1}{16}$ oz. 20c.

5 WALLFLOWER DOUBLE EARLY MIXED—ek. Lovely, fragrant flowers in tones and shades of lemon gold, autumn brown, red and crimson. Pkt. 15c; $\frac{1}{16}$ oz. 30c.

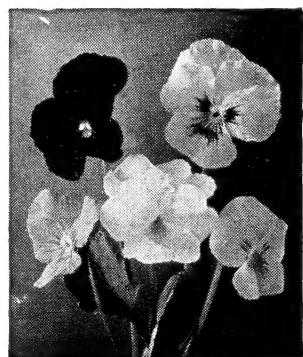
WATSONIA MIXED—k(w). Bugle Lily. Showy flowers in tall spikes, like bugle-shaped Gladioli. Bright, varied colorings. Pkt. 20c; $\frac{1}{16}$ oz. 35c.

2 WELWITSCHIA MIRABILIS—w. Perhaps the world's most curious plant. Classed as a tree, the oldest specimens known have a woody trunk that rises little over a foot above the surface, but that measures several feet in circumference. The leaves, long, wide and tapering are but two, and last the full life of the plant, which is said to be 100 years or more. For mild, dry climates, or in the North, under glass. Large, winged seeds, each 25c; 5 for \$1.00.

1 XEROPHYLLUM ASPHODELOIDES—kt(3)50. Great lacy clusters of fragrant, ivory stars are carried on tall shafts. It cuts. Likes light soil and ample moisture. Pkt. 20c.

THE GAY VIOLAS

1 PANSY VIOLETS—The Violas of the catalogs, in Pansy resemblance, but plants with increased perennial tendencies. Pretty much everblooming.



LUTEA—Usually clear lemon yellow, or rarely with darker markings. Pkt. 20c; 3 pkts. for 55c. ARKWRIGHT RUBY—Ruby crimson, shaded terra cotta. Pkt. 25c; 3 pkts. for 70c. AVA-LANCHE—Big flowers of snowy white. Pkt. 25c; 3 pkts. for 70c. YELLOW PERFECTION—Fine, large-flowered yellow. Pkt. 25c; 3 pkts. for 70c. ADMIRATION—A hardy free-bloomer with medium size flowers of rich blue-violet. Pkt. 20c; 3 pkts. for 55c. APRICOT—Apricot and orange. Pkt. 25c; 3 pkts. for 70c. FLOR-AIRENSE—Definitely everblooming, big Pansy-like flowers of lilac-lavender. Pkt. 20c; 3 pkts.

for 55c. CALCARATA—Rare alpine species making wide cushion-mats, set almost year around with flowers of pencilled royal blue, but purple, pink-lilac and cream forms sometimes appear. Pkt. 30c; 3 pkts. for 85c. CORNUTA HYBRIDA—The Horned or Tufted Pansy in blend of many attractive colorings. Makes a pleasingly bright, fairly permanent showing. *Illustrated above*. Pkt. 20c; $\frac{1}{16}$ oz. 40c; $\frac{1}{8}$ oz. 75c. OFFER 195A—One pkt. each of the above for \$1.75.

1 VIOLA JERSEY GEM—Exceedingly floriferous and hardy variety with scented flowers in rich blue violet. Each 45c; 3 for \$1.25.

5 THE IMP VIOLETS—Quaint flowers like Pyxie Pansies. Some call them Johnny-jump-ups. BLACK IMP—Viola nigra. Blossoms that might have been snipped from black velvet. Pkt. 20c; $\frac{1}{16}$ oz. 30c. CLIFF IMP—Viola saxatilis selections. Diminutive Pansy charm. Flowers show tones of lemon, lavender, rosy mauve, lilac, honey-gold, violet. Floriferous, bright, long in bloom. Pkt. 20c; $\frac{1}{16}$ oz. 35c.

1 BUTTERFLY VIOLETS—Long lived perennials with flowers in the usual wild-violet form, "kt" culture. ODORATA SEMPERFLORENS—The long-blooming, fragrant English Violet. Rich blue. Pkt. 20c. Plants, each 50c; 3 for \$1.40; 10 for \$4.30. PRICEANA—Confederate Violet. White, with purple center radiations. Pkt. 20c. Plants, each 40c; 3 for \$1.10. CANADENSIS—Flowers white, with touch of yellow and sometimes of a faint purple suffusion. Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.35. PATRINI—Chinese Violet. Large lavender flowers. Good. Pkt. 15c. Plants, each 40c; 3 for \$1.10. SYLVESTRIS ROSEA—Long bloom in bright rose. Shade or sun. Eventually makes big clumps. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25. PEDATA—Birdfoot Violet. Handsome flowers, either all blue, or blue and purple. Pkt. 20c; 3 pkts. for 50c. PEDATA BICOLOR—Big, showy flowers, rich purple above, light blue below. Pkt. 25c; 3 pkts. for 70c. Plants, single crown, each 40c; 3 for \$1.10. INNOMINATA—Vigorous, large-flowered white species. Plants, each 45c. OFFER 196A—One pkt. each of those in seed form for \$1.10. OFFER 197AN—One plant each of those so offered, for \$2.60.

1 THE YUCCA LILIES

Hardy perennials of exotic appearance. From nests of sword-like leaves, these sometimes wide, sometimes narrow, sometimes rough green and thread-hung, again blue-glaucous and in bayonet form, rise great bloom panicles to several feet of height. *Illustrated back cover*. The blossoms are large, pure white or sometimes creamy, rarely with a faint roseate flushing, and the petals are thick and heavy, as though the flowers had been carved from wax. A planting of blooming Yucca can be spectacular. Mixed hardy species. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

3 ZEPHYRANTHES or FAIRY LILY

The Zephyr Lilies are garden-easy. In autumn, dig, then store in a frost-proof place. AJAX—Usually lemon primrose, but sometimes creamy. Pkt. 15c. Bulbs, spring, 3 for 40c; 8 for \$1.00. AJAX WHITE SELECTIONS—White to cream, often with blush suffusion. Bulbs, spring, 3 for 35c; 10 for \$1.00; 25 for \$2.25. CARINATA—Big flowers in glorious rosy pink from June to October. Habranthus grandiflorus. *Illustrated page 4*. Bulbs, spring, 3 for 50c; 7 for \$1.00. CANDIDA—The glossily white Crocus Lily, *illustrated page 4*. Bulbs, spring, 3 for 35c; 10 for \$1.00. CITRINA—Deep lemon yellow with rosy suffusions and coppery shadings. Bulbs, each 35c; 3 for \$1.00. ROBUSTA—Big trumpets of soft pink from June until autumn. Habranthus robustus. Bulbs, each 30c; 3 for 80c. OFFER 198AN—3 bulbs each of the above six kinds, together with three of the related Chlidanthus (see page 20), 21 bulbs in all, names marked, for \$3.25.

5 THE GORGEOUS ZINNIAS

Give them full sun and warm soil. They cut. FANTASY BLEND—30 inches. Shaggy petals, twisted, interlaced. Pkt. 15c; $\frac{1}{4}$ oz. 30c. GIANT DAHLIA-FLOWERED MIXED—Big, deep blossoms, often 5 inches across. Full color range. Pkt. 15c; $\frac{1}{4}$ oz. 35c. CALIFORNIA GIANT MIXED—Wide, thin blossoms of loosely overlapping petals to six-inch diameters. Inclusively brilliant color range. Pkt. 15c; $\frac{1}{4}$ oz. 35c. GIANT SCARLET KING—Brilliant, glowing scarlet. Pkt. 15c. GIANT SALMON QUEEN—Rich salmon rose. Fine for cutting. Pkt. 15c. GIANT DAFFODIL—Clear canary yellow. Pkt. 15c. GIANT PURITY—Snowy white. Pkt. 15c. LILLIPUT MIXED—18 inches. Exquisite pompons in full color range. Pkt. 10c; $\frac{1}{4}$ oz. 25c. LILLIPUT SALMON ROSE—Delightful miniature for cut flower arrangements. Pkt. 15c. RED RIDING-HOOD—16 inches. Intensely double miniature in fire red. Pkt. 15c. ANGUSTIFOLIA—15 inches. Mexican miniature. Starry double flowers in unusual color application; autumn brown, sulphur, orange, blood red, maroon. Pkt. 15c; $\frac{1}{4}$ oz. 30c. OFFER 199A—One pkt. each of above for \$1.35.

STRAWBERRIES FROM SEED

Here are Runnerless, Everbearing Strawberries, no runners to cut away, and fruits continually ripening from spring into late autumn. Since they make no runners, they must be grown from seed. Seeds sown in earliest spring, while soil is cool, usually give bearing plants by mid-August. The fruits are of medium size, smaller than in standard Strawberries, but of delicious flavor and decorative appearance, the fruiting plants ornamental enough for edging or even a rock garden. Seeds fine; culture "kt." Variety Harzland. Pkt. 25c; $\frac{1}{16}$ oz. 60c; $\frac{1}{8}$ oz. \$1.00.

NEW SWEET PEPPER



AVALON SWEET BUTTON—A miniature Pepper of even, smooth, form, somewhat button shaped, about 2 inches wide by one inch through, but in very rich soils may grow a bit larger. The glossy red fruits are exceedingly uniform, with meat thicker than in any other Pepper we have grown or seen; skin thick and tender; flavor and eating quality sweet, juicy, crisp, delicious. Wonderful for salads or for pickling or canning whole. *Illustrated opposite*. Our highest recommendation for either home garden use, or for commercial canning. Pkt. 20c; $\frac{1}{4}$ oz. 50c.



THE EASIEST ORCHID



WILD FLOWER BLENDS

Most wild flowers, not all, grow from seed with fair readiness, not differing from other flowers in this respect, for of course all flowers are wild flowers somewhere on the earth. The Wild Flower Blends will contain most of kinds named below, but not necessarily all, since this catalog goes to press before we know definitely which will be available.

WILD FLOWERS FOR SUN—At least one hundred different and delightful wild flowers are in this mixture. Windflowers, Lychnis, certain Gentians, Monarda, Gay Feather, Buttercup, Shooting Star, Datura, Golden and Purple Asters, Petalostemon, False Indigo, Cassia, Lepachys, Black-eyed Susan, Sundrop, Lilies, Camassia, Bellflower, Penstemon, Flowering Cactus, Centaurea maculosa, Saponaria, Yucca, Wild Rose, Dove Mullein, Tradescantia, several Violets, etc. Long bloom here. Suggest use in old fields, or along roadsides. Culture "x". $\frac{1}{16}$ oz. 20c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c; 1 oz. \$1.75; $\frac{1}{4}$ lb. \$6.25; 1 lb. \$24.00.

WILD FLOWERS FOR SHADE—Woodland wild flowers bloom mostly in spring, a few kinds later. Trillium, Anemone, Wild Geranium, Violets, Jack-in-the-Pulpit, Claytonia, Hepatica, Winter-green, Smilacina, Erythronium, Bearberry, Polemonium, Bloodroot, Wild Bergamot, Mertensia, Wild Sweet William and the like. "yt" culture. $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c; 1 oz. \$3.25.

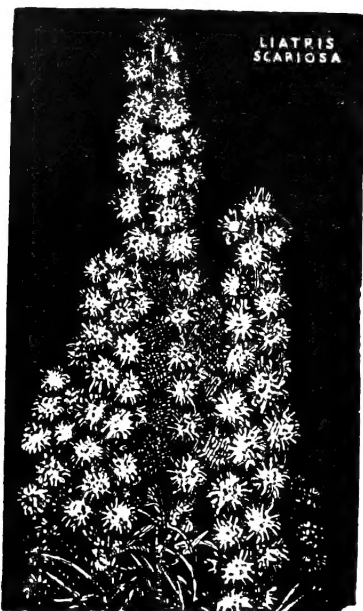
WILD FLOWERS FOR DAMP SOIL—Made up for moist meadows, streamsides, marsh borders. Sabatia, Rhexia, Lythrum, red and blue Lobelia, Sisyrinchium, Mimulus, Asclepias, Meadow Lilies, Meadow Iris, Sida, Pink Mallow, certain Gentians, Sarracenia, with others. "kt" culture. $\frac{1}{16}$ oz. 30c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c; 1 oz. \$3.25.

THE FLOWER BROADCAST

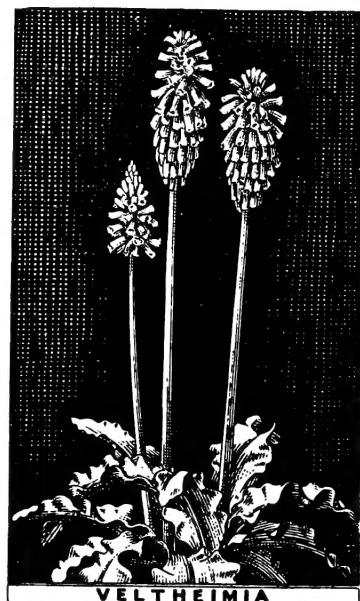
For great color spreads in field or border, on hillside or waste-land. A blend of vigorous, easily naturalized kinds, both annual and perennial, that may be broadcast right where effect is desired. Even with minimum soil preparation, there will likely be some fair showing, but the more you can do toward fining the soil, whether by plow, harrow, fork or hand-rake, the better will be the results. In any case, scratch the seed in, then firm with roller, tamp or just by tramping. Species in this blend are not wild flowers in usual sense, but any kinds of gay color that will establish readily, and then spread through own self-sowing. $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c; $\frac{1}{2}$ oz. 70c; 1 oz. \$1.25; $\frac{1}{4}$ lb. \$4.30; 1 lb. \$16.00; 5 lbs. \$75.00.



JACOBINIA CARNEA



LIATRIS SCARIOZA



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